

# monthly catalog

ISSN 0362-8830

OF UNITED STATES GOVERNMENT PUBLICATIONS

JUNE 1985

U.S. GOVERNMENT PRINTING OFFICE





# **monthly catalog**

**OF UNITED STATES GOVERNMENT PUBLICATIONS**

**JUNE 1985**

**NUMBER 1094**

**ENTRIES 85-11846 TO 85-13947**

**ISSUED BY THE SUPERINTENDENT OF DOCUMENTS  
U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, DC 20402 : 1985**

**FOR SALE BY THE SUPERINTENDENT OF DOCUMENTS  
U.S. GOVERNMENT PRINTING OFFICE, WASHINGTON, DC 20402**

## ORDER FORM

**Superintendent of Documents  
U. S. Government Printing Office  
Washington, DC 20402**

Area Code	Home	Area Code	Office
-----------	------	-----------	--------

Date ..... Customer Order Number.....

[illegible]**Customer's Name and Address**Expiration Date  
Month/Year**ZIP**

Deposit Account Number

FOR OFFICIAL USE ONLY

QUANTITY

## CHARGES

### Publications

### Subscriptions

**Special shipping charges.**

International handling.....

Special charges.....

OPNR .....

UPNS

Balance Due

Discount

Refund

TO PLACE YOUR ORDER BY PHONE CALL OUR ORDER DESK AT 202-783-3238, MONDAY THROUGH FRIDAY, 8-4:30 EASTERN TIME

[illegible]

TOTAL ENCLOSED \$

SHIP TO: (If different from above)

ZIP

Unit of Issue

### Explanation

EA

KT

PD

PK  
95

SE

SU

Each - single copy  
Kit of multiple items in a special container  
Pad containing multiple sheets  
Package containing multiple copies  
Set of multiple items

### Subscription

GPO Form 3430  
(R 2-83)

PRELIM. 3

THE HISTORY OF THE

REIGN OF

CHARLES THE FIRST

BY

JOHN BURNET

OF

SCOTLAND

IN TWO VOLUMES

THE FIRST

VOLUME

IN TWO VOLUMES

THE SECOND

VOLUME

IN TWO VOLUMES

THE THIRD

VOLUME

IN TWO VOLUMES

THE FOURTH

VOLUME

IN TWO VOLUMES

THE FIFTH

VOLUME

IN TWO VOLUMES

THE SIXTH

VOLUME

IN TWO VOLUMES

THE SEVENTH

VOLUME

IN TWO VOLUMES

THE EIGHTH

## ORDER FORM

**Superintendent of Documents  
U. S. Government Printing Office  
Washington, DC 20402**

**MASTER CARD and VISA ACCEPTED**

Expiration Date Month/Year				
-------------------------------	--	--	--	--

ZIP

ZIP


FOR OFFICIAL USE ONLY	
QUANTITY	CHARGES
	Publications
	Subscriptions
	Special shipping charges.
	International handling.....
	Special charges.....
	OPNR.....
	UPNS
	Balance Due
	Discount
	Refund

Deposit Account Number

							-	
--	--	--	--	--	--	--	---	--

[illegible]

SHIP TO: (If different from above)



ZIP

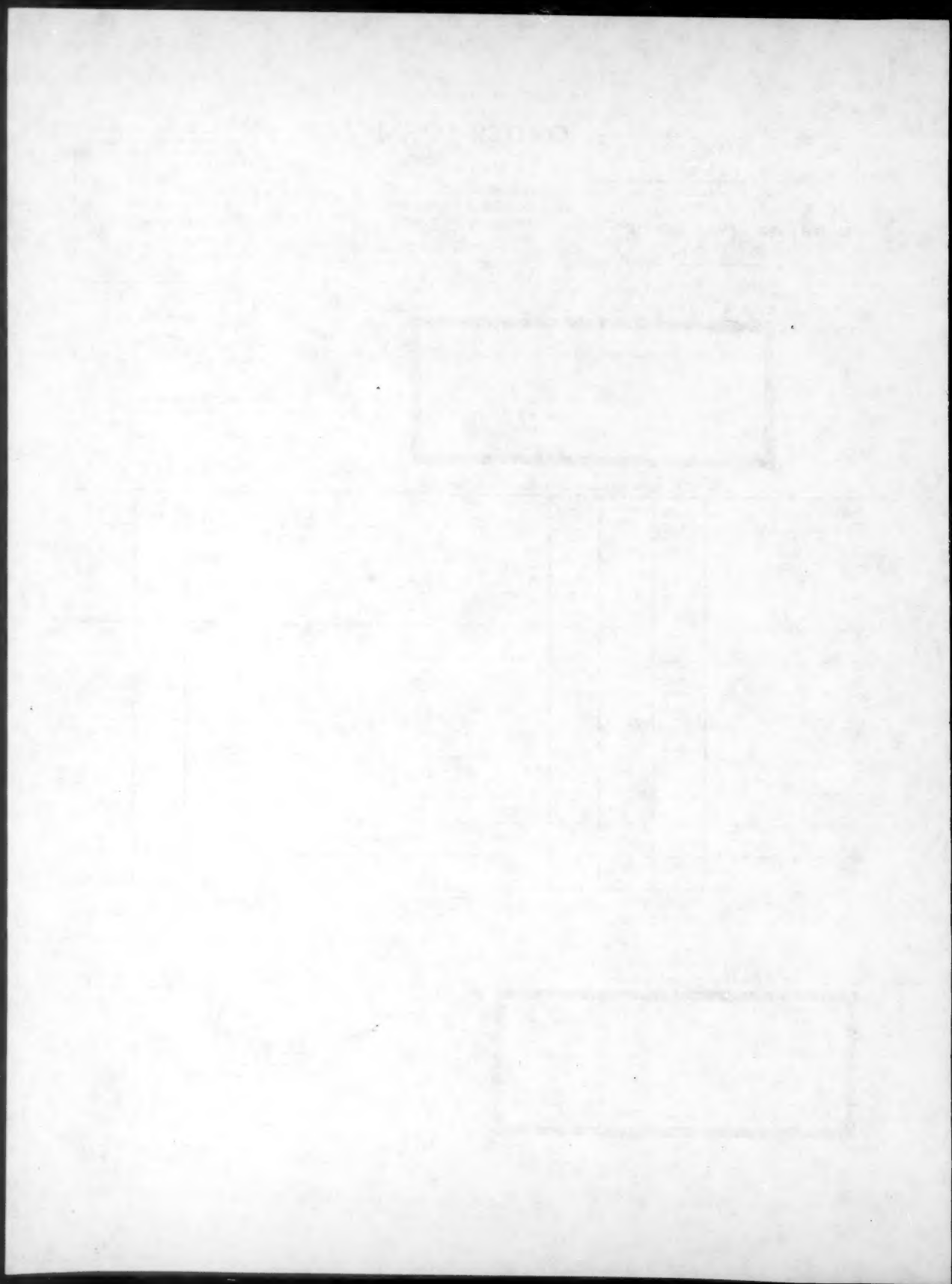
### Explanation

EA	Each - single copy
KT	Kit of multiple items in a special container
PD	Pad containing multiple sheets
PK	Package containing multiple copies
SE	Set of multiple items

SU Subscription

GPO Form 3430  
(R 2-83)

PRELIM. 5



## U.S. GOVERNMENT BOOKSTORES

In addition to the mail-order service provided by the Office of the Superintendent of Documents, U.S. Government Printing Office, there are retail bookstores in Washington, DC, and several cities throughout the United States, each of which has in stock approximately 1,500 of our most popular titles. You are invited to stop in any time. The locations of these stores are shown below:

### ATLANTA BOOKSTORE

Rm. 100, Fed. Bldg.  
275 Peachtree St., N.E.  
P.O. Box 56445  
Atlanta, GA 30343  
(FTS) 242-6946  
Commercial (404) 221-6947

### BIRMINGHAM BOOKSTORE

9220-B Parkway East  
Birmingham, AL 35206  
(FTS) 229-1056  
Commercial (205) 254-1056

### BOSTON BOOKSTORE

Rm. G-25, Fed. Bldg.  
Sudbury Street  
Boston, MA 02203  
(FTS) 223-6071  
Commercial (617) 223-6071

### CHICAGO BOOKSTORE

Rm. 1365, Fed. Bldg.  
219 S. Dearborn Street  
Chicago, IL 60604  
(FTS) 353-5133  
Commercial (312) 353-5133

### CLEVELAND BOOKSTORE

1st Floor, Fed. Bldg.  
1240 East 9th Street  
Cleveland, Ohio 44199  
(FTS) 942-4922  
Commercial (216) 522-4922

### COLUMBUS BOOKSTORE

Rm. 207, Fed. Bldg.  
200 N. High Street  
Columbus, OH 43215  
(FTS) 943-6956  
Commercial (612) 469-6956

### DALLAS BOOKSTORE

Rm. 1C50, Fed. Bldg.  
1100 Commerce Street  
Dallas, TX 75242  
(FTS) 729-0076  
Commercial (214) 767-0076

### DENVER BOOKSTORE

Rm. 117, Fed. Bldg.  
1961 Stout Street  
Denver, CO 80294  
(FTS) 564-3964  
Commercial (303) 844-3964

### DETROIT BOOKSTORE

Suite 160, Fed. Bldg.  
477 Michigan Avenue  
Detroit, MI 48226  
(FTS) 226-7816  
Commercial (313) 226-7816

### HOUSTON BOOKSTORE

9319 Gulf Freeway  
Houston, TX 77017  
(FTS) 526-7515  
Commercial (713) 229-3515/16

### JACKSONVILLE BOOKSTORE

Rm. 158, Fed. Bldg.  
400 West Bay Street  
Jacksonville, FL 32202  
(FTS) 946-3801  
Commercial (904) 791-3801

### KANSAS CITY BOOKSTORE

#120, Bannister Mall  
5600 East Bannister Road  
Kansas City, MO 64137  
(FTS) 926-7261  
Commercial (816) 765-2256

### LOS ANGELES BOOKSTORE

ARCO Plaza, C Level  
505 South Flower Street  
Los Angeles, CA 90071  
(FTS) 798-5841  
Commercial (213) 688-5841

### MILWAUKEE BOOKSTORE

Rm. 190, Fed. Bldg.  
519 E. Wisconsin Avenue  
Milwaukee, WI 53202  
(FTS) 362-1300  
Commercial (414) 291-1304

### NEW YORK BOOKSTORE

Rm. 110, Fed. Bldg.  
26 Federal Plaza  
New York, NY 10278  
(FTS) 264-3825  
Commercial (212) 264-3825

### PHILADELPHIA BOOKSTORE

Rm. 1214, Fed. Bldg.  
600 Arch Street  
Philadelphia, PA 19106  
(FTS) 597-0677  
Commercial (215) 597-0677

### PITTSBURGH BOOKSTORE

Rm. 118, Fed. Bldg.  
1000 Liberty Avenue  
Pittsburgh, PA 15222  
(FTS) 722-2721  
Commercial (412) 644-2721

### PUEBLO BOOKSTORE

World Savings Building  
720 North Main Street  
Pueblo, CO 81003  
(FTS) 323-9371  
Commercial (303) 544-3142

### SAN FRANCISCO BOOKSTORE

Rm. 1023, Fed. Bldg.  
450 Golden Gate Avenue  
San Francisco, CA 94102  
(FTS) 556-6657  
Commercial (415) 556-0643

### SEATTLE BOOKSTORE

Rm. 194, Fed. Bldg.  
915 Second Avenue  
Seattle, WA 98174  
(FTS) 399-4270  
Commercial (206) 442-4270

## Washington, DC, Area Bookstores

### MAIN BOOKSTORE

710 North Capitol Street N.W.  
Washington, D.C. 20401  
(FTS) 275-2091  
Commercial (202) 275-2091

### COMMERCE BOOKSTORE

14th & E Sts., N.W.  
Room 1604, 1st Floor  
Washington, D.C. 20230  
(FTS) 377-3527  
Commercial (202) 377-3527

### FARRAGUT BOOKSTORE

Matomic Building  
1717 "H" Street, N.W.  
Washington, D.C. 20006  
(FTS) 653-5075  
Commercial (202) 653-5075

### RETAIL SALES OUTLET-LAUREL

8660 Cherry Lane  
Laurel, Maryland 20707  
No (FTS) Number  
Commercial (301) 953-7974

### PENTAGON BOOKSTORE

Main Concourse, South End  
Room 2E172  
Washington, D.C. 20310  
(FTS) 557-1821  
Commercial (703) 557-1821

# THE HISTORY OF THE

REPUBLIC OF THE UNITED STATES OF AMERICA  
FROM 1776 TO 1863

## CHAPTER I

### 1776

#### July 4th

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

#### 1776

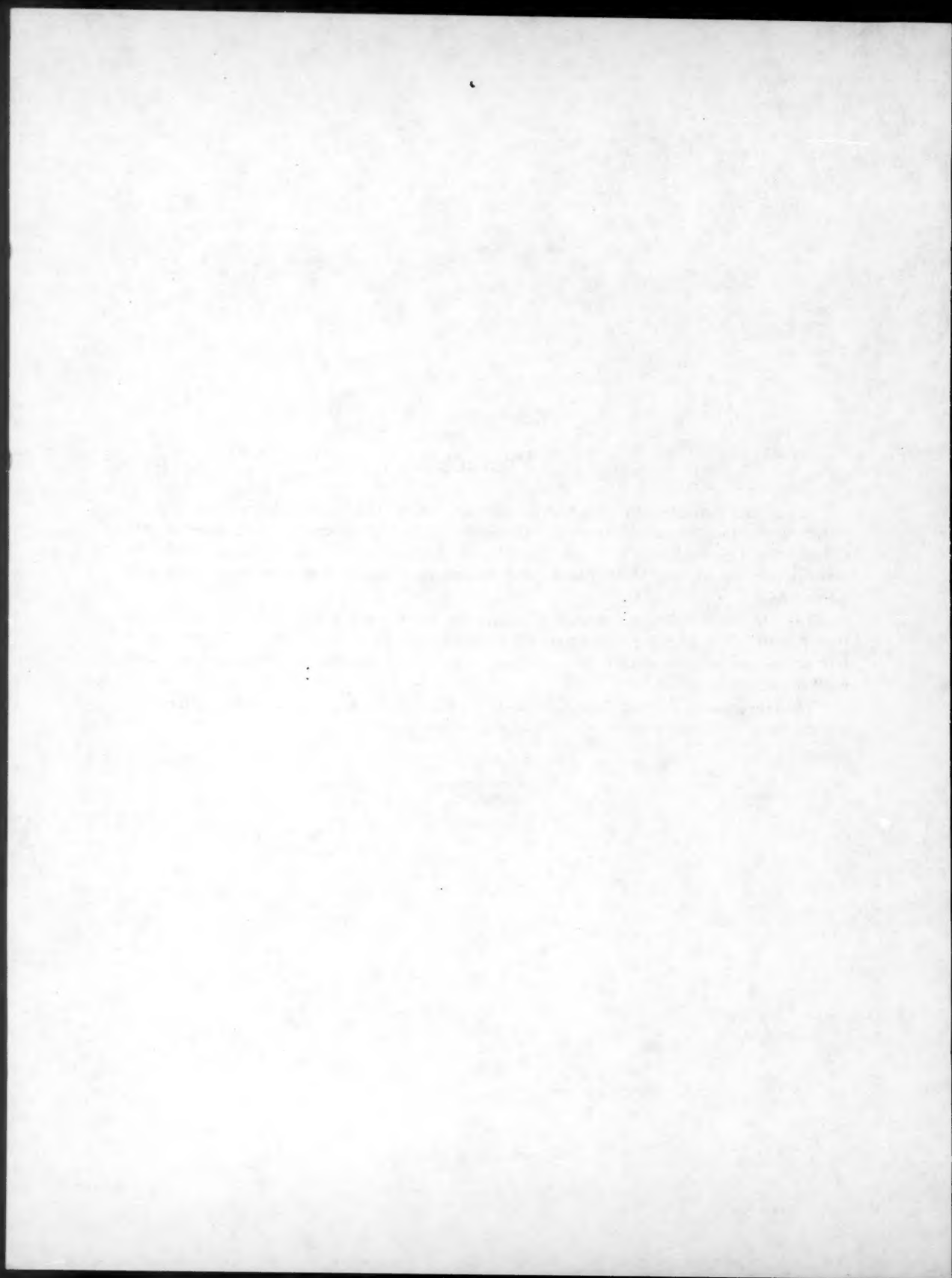
#### 1776

## Preface

In response to requests by the library community and the Depository Library Council to the Public Printer, the Assistant Public Printer (Superintendent of Documents) in the summer of 1974 directed the Library Division to join the Ohio College Library Center's on-line cataloging network, convert to the MARC format, and catalog according to Anglo-American cataloging rules (AACR).

The *Monthly Catalog* uses AACR 2 description and name headings. Subjects are derived from *Library of Congress Subject Headings* 9th edition and its supplements. The catalog consists of text and seven indexes—author, title, subject, series/report number, contract number, stock number and title keyword.

The Government Printing Office considers the *Monthly Catalog* to be an evolving publication. Its scope and timeliness will continue to be of prime importance.



## Contents

---

	Page
Preface .....	PRELIM. 9
Users' Guide .....	PRELIM. 12
General Information .....	PRELIM. 14
How to Order Publications .....	PRELIM. 19
List of Special Materials .....	PRELIM. 23
New Classification Numbers .....	PRELIM. 29
Corrections for Previous Monthly Catalogs ..	PRELIM. 31
List of Government Authors .....	PRELIM. 33
Monthly Catalog .....	1
Indexes	
Author Index .....	I-273
Title Index .....	I-363
Subject Index .....	I-399
Series/Report Index .....	I-511
Contract Number Index .....	I-531
Stock Number Index .....	I-533
Title Keyword Index .....	I-537

---

## Users' Guide

### ABBREVIATIONS

add .....	addition, addendum, addenda	pl .....	plate, plates
Amdt., amds. ....	amendment, amendments	ports .....	portrait, portraits
app .....	appendix, appendixes	pt., pts .....	part, parts
bk., bks .....	book, books	rep .....	reprint
ch .....	change	rev .....	revised
chap .....	chapter, chapters	rp .....	report
Cong .....	Congress	S .....	Senate, Senate bill
Dept .....	Department	S. Con. Res .....	Senate concurrent resolution
doc .....	document	S. doc .....	Senate document
facsim .....	facsimile, facsimiles	S. ex. doc .....	Senate executive document
fy .....	fiscal year	S. ex. rp .....	Senate executive report
G.H.A. ....	Greenwich hour angle	S. J. Res .....	Senate joint resolution
H .....	House	S. Res .....	Senate resolution
H. Con. Res .....	House concurrent resolution	S. rp .....	Senate report
H. doc .....	House document	sec .....	section, sections
H. J. Res .....	House joint resolution	sess .....	session, sessions
H.R. ....	House of Representatives, House bill	sub. pt .....	sub part
H. Res .....	House resolution	sum .....	summary
H. rp .....	House report	supp .....	supplement
ill .....	illustration, illustrations	trans .....	transmittal
in .....	inch, inches	v .....	volume, volumes
no., nos .....	number, numbers	vs., v .....	versus
p .....	page, pages		

Common abbreviations for the names of States, months, etc., are also used.

### LIST OF GOVERNMENT AUTHORS

The alphabetical list in the preliminary pages locates the catalog sequence of documents issued by a specific agency. This list is compiled each month and includes only Government authors of documents received and cataloged during that time span.

### INDEXES

Entries in the Monthly Catalog are indexed for access by the following indexes:

**Author index:** An alphabetical list of personal authors, editors, co-authors, corporate authors, and conferences.

**Title index:** An alphabetical list of titles, series titles, and sub- or alternate titles.

**Subject index:** An alphabetical list of subjects derived from Library of Congress Subject Headings.

**Series/report index:** An alphabetical list of report numbers and series statements.

**Contract number index:** An alpha-numeric list of contract, grant and project numbers associated with technical report publications.

**Stock number index:** A numerical list of Superintendent of Documents stock numbers.

**Title keyword index:** An alphabetical list of important words selected from information in the title fields.

A margin index on the back cover locates the seven listings. Cumulative indexes are published semi-annually and annually. Titles in all indexes are followed by the text entry number where more detailed information is available.



# SAMPLE ENT

**MONTHLY CATALOG ENTRY NO.**—The entry number is assigned after the records are arranged alphanumerically by the Superintendent of Documents classification number. The first two digits establish the year; the last four digits locate the record in the Catalog.

83-0123

**MAIN ENTRY**—A main entry may be a personal author, a corporate author, a conference, uniform title, or the document title, as established by the Anglo-American Cataloging Rules.

Creighton, C. S. (Charles S.),

**TITLE PHRASE/STATEMENT OF RESPONSIBILITY**—Title phrase and author statement are recorded from the title page or its substitutes. Material in bracket is supplied from other prominent sources.

Control of caterpillars of  
[prepared by Science and  
Administration.] —1981 ed.  
D.C.? : The Administration  
the Supt. of Docs., U.S. G.  
1981.

**IMPRINT**—The imprint contains place of publication, issuing agency, and date of issue. Includes name of distributor if different from issuing agency.

23 p. : 23 cm. —(Far  
(United States, Dept. of Ag  
2271) [This bulletin supers  
bulletin no. 2099, Control  
on commercial cabbage  
(microfiche) S/N 001-000-

**COLLATION**—Collation notes pages, illustrations, and size.

**SUBJECT HEADINGS** (Arabic numerals)—Headings are selected from the Library of Congress subject headings. Some Natl. Agricultural Library and Natl. Library of Medicine subjects may be used. Natl. Lib. of Med. subjects will be indicated by an asterisk (\*). Natl. Agri. Lib. subjects will be indicated by a dagger (†).

1. Cabbage—Diseases and  
States. 2. Caterpillars—C  
States. I. United States.  
Education Administration.  
Series : Farmers' bulletin  
Dept. of Agriculture) ; no. 2

**LIBRARY OF CONGRESS CLASS NO.**—This is given when it is available from the Library of Congress.

SB 762.U55a 1981  
334.76/0664 OCLC 8203702

**DEWEY CLASS NO.**—Dewey class is given when it is available from the Library of Congress.

**OCLC NO.**—This is the number assigned by the OCLC to identify this record in the data base.

**LIBRARY NO.**—In from the

# E ENTRY

:2271←

Charles S.), 1926-  
pillars on cabbage /  
ence and Education  
1981 ed. Washington,  
Administration : For sale by  
U.S. G.P.O., 1980 i.e.

— (Farmers' bulletin  
t. of Agriculture) ; no.  
n supersedes Farmers'  
Control of Caterpillars  
cabbage." ●Item 9

001-000-04185-1 \$1.50←  
eases and pests—United  
pillars—Control—United  
States. Science and  
Administration. II. Title. III.  
bulletin (United States.  
e) ; no. 2271.

1981 80-603339  
8203702

SUPT. OF DOCS. CLASS NO.—This is the number assigned by the GPO Library to identify the document cataloged.

EDITION—The edition is recorded from information in the document.

SERIES STATEMENT—This identifies the series title and number.

NOTES—Notes include additional bibliographic information about the publication, including funding information for technical reports.

ITEM NO.—This document was distributed to depository libraries requesting this item number. Microfiche indicates the document was distributed as such.

STOCK NO.—This is a Government Printing Office sales stock number. It is used only in ordering from the Superintendent of Documents.

PRICE—GPO sales price.

ADDED ENTRIES (Roman numerals)—When the Government publisher is not a main entry, it is included with added entries.

LIBRARY OF CONGRESS CARD NO.—Included when it is available from the Library of Congress.

## GENERAL INFORMATION

The Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, is authorized by law to sell copies of government publications. The Superintendent of Documents currently sells 17,000 titles, which are only a small portion of the publications that have been issued by the Federal Government. Not every title that is listed in the *Monthly Catalog* is sold by GPO.

The prices of all U.S. Government publications sold by the Superintendent of Documents are established by the Public Printer in accordance with Title 44 of the *United States Code*. Prices are subject to change *without notice*. The prices charged on your order will be those in effect at the time your order is processed, with the exception of prices quoted from the GPO order desk. (A telephone quote number will be provided at that time which guarantees the price for 90 days.) As it is not feasible to manually correct the prices in the publications affected by price changes, the prices charged on your order may differ from those printed in the publications and in the *Monthly Catalog*.

### THE GPO PUBLICATIONS REFERENCE FILE

The *GPO Sales Publications Reference File (PRF)* is a 48x microfiche catalog of publications sold by the Superintendent of Documents. The PRF is issued on a bi-monthly subscription basis and lists all publications and subscription services currently for sale by the Superintendent of Documents. Forthcoming sales items and items that have been out-of-print—GPO for up to two years are also included in the PRF.

Each PRF issue consists of approximately 300 microfiche and is sent to subscribers and depository libraries six times a year in January, March, May, July, September, and November. Monthly supplements to the PRF, entitled *GPO New Sales Publications*, consist of one or two microfiche. Each supplement lists all new publications added to the active sales inventory during the preceding month.

The PRF is arranged in three sequences:

1. By Government Printing Office stock numbers
2. By Superintendent of Documents classification numbers
3. By alphabetical arrangement of subjects, titles, agency series and report numbers, keywords and phrases, and individual authors.

The PRF may be purchased as a subscription service, or by single issue.

### THE OUT-OF-PRINT GPO PUBLICATIONS REFERENCE FILE (OUT-OF-PRINT GPO PRF)

The Out-of-Print GPO PRF provides in-house users and subscribers with access to historical records of out-of-print publications. This research tool is useful in tracing the history of sales titles and in identifying old titles once part of the Sales Program.

Records for this microfiche product are generated at the beginning of each calendar year when several thousand GPO titles are deleted from the active file of the PRF and are issued as a sales item. Records in the Out-of-Print PRF include titles that have been unavailable for sale for 12 months or more.

The first issue of the Out-of-Print PRF sold to subscribers was made available in 1980 as the *Exhausted GPO Publications Reference File (EPRF)*. The title of this issue reflected the stock status "exhausted" and included over 25,000 titles arranged in alphabetical sequence. The second issue for 1982 was later superseded by a cumulation for the years 1981 and 1982. The total number of records up to the present time is approximately 40,000.

Beginning with the 1983 issue, the title will be changed to reflect the new status, "out-of-print". This new issue will supplement those of 1980 and 1981-1982.

Copies of out of print publications listed on the EPRF and Out-of-Print GPO PRF can be found in regional Federal depository library collections. Copies of certain technical publications no longer sold by the Superintendent of Documents may usually be obtained by writing to:

National Technical Information Service  
5285 Port Royal Road  
Springfield, VA 22161

#### SUBJECT BIBLIOGRAPHIES AND INDEX

At present the Superintendent of Documents does not publish a complete hard copy listing of all titles that are for sale. Most of the available titles appear in the more than 250 subject bibliographies that are prepared by this Office. The subject bibliographies list publications and subscriptions on a single subject, or on a specific field of interest. Each entry is listed by title, GPO stock number, and price. The bibliographies also provide a brief description of some of the publications and subscriptions listed, and ordering information. The Superintendent of Documents has also prepared a Subject Bibliography Index to assist customers in selecting the subject bibliography that most closely relates to their needs. Prices of publications listed in the subject bibliographies are subject to change without notice.

The Subject Bibliography Index and the subject bibliographies are free and may be obtained by writing to:

Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

#### GOVERNMENT PERIODICALS AND SUBSCRIPTION SERVICES, PRICE LIST 36

*Government Periodicals and Subscription Services, Price List 36* is a free catalog available upon request from the Superintendent of Documents. This catalog lists over 500 subscription services that are published by more than 40 Federal agencies and sold by the Superintendent of Documents. Each issue also lists the changes in subscription services that have occurred since the last edition of *Price List 36* was published. These revisions include new subscription services, subscriptions that have been discontinued, changes in subscription titles and the latest prices. All changes are listed under "General Information" in the preliminary pages. A subscription order form and ordering information are provided on the last two pages. Retention information (the number of available back issues retained for single copy sale) is included in the text entries of *Price List 36* following the single copy price. *Price List 36* is revised and issued quarterly (Winter, Spring, Summer and Fall). Prices of all subscription services are subject to change without advance notice. To obtain a copy of *Price List 36*, write to:

Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

#### CONSUMER INFORMATION CATALOG

The Consumer Information Center was established in 1970 by presidential order to increase public awareness of consumer information released by Federal agencies. A catalog of consumer publications, published four times a year by the Center, lists booklets from nearly 30 agencies of the Federal Government. Approximately 40% of these publications are free upon request. *A \$1.00 user fee is charged for orders of more than one free item.*

The Consumer Information Center does not maintain a mailing list for individual copies of the *Consumer Information Catalog*. However, the Center does maintain a bulk mailing list for educators, libraries, consumer and non-profit groups who wish to receive 25 or more copies of the catalog quarterly. A Spanish-language edition of the catalog is also available, by individual copy or by bulk. To obtain a copy of the catalog or an application to be placed on the bulk list, write to:

Consumer Information Center  
Pueblo, Colorado 81009

#### U.S. GOVERNMENT BOOKS

This illustrated catalog provides annotations of nearly 1,000 of the Government's best-selling publications and subscriptions. The catalog is revised quarterly with most entries carried over. Single copies of the catalog are available free of charge and may be obtained by writing to:

NEW CATALOG  
Superintendent of Documents  
Washington, D.C. 20402

#### NEW BOOKS

*New Books* is a bi-monthly listing of all the new sales publications received by the Superintendent of Documents within the intervening two month period. *New Books* is designed primarily for use by people in professional and technical fields, announcing publication information in a timely manner. To be placed on the free mailing list to receive *New Books*, write:

Superintendent of Documents  
Washington, D.C. 20402

#### DIALORDER

Information on U.S. Government Printing Office sales items, as well as all subject bibliographies and catalogs, listed on the *Publications Reference File*, can be found through the Lockheed DIALOG system. DIALOG is a computerized reference system available from the Lockheed DIALOG Retrieval Service of Palo Alto, California, and the U.S. Government Printing Office is one of the over 190 data bases that can be accessed by this system. DIALOG subscribers can search any of these data bases by using their own terminal, and take advantage of computerized research methods.

An additional service, called DIALORDER, is available for a slightly higher fee. Subscribers to DIALORDER can place an order with the U.S. Government Printing Office directly by computer, however there are special charges for this service. Customers requesting information on DIALOG/DIALORDER should contact:

Lockheed DIALOG Information Retrieval Service  
3460 Hill Avenue  
Palo Alto, California 94304

Telephone: 800-227-1960 (In the U.S., except California)  
800-982-5838 (In California)

#### STANDING ORDER SERVICE

Certain publications or series of publications that are published annually are now available on a standing order basis. Customers who wish to use this service must maintain a Superintendent of Documents deposit account, or a VISA or MasterCard account. Under the standing order service, customers will be placed on a specific standing order list upon request and will receive publications associated with the list as they become available. GPO mails these publications to customers and charges their accounts. If funds are not available at the time of shipment, the customer is notified that no shipment will be made. Subscription services are not offered on a standing order basis. To receive a publication on standing order, customers must submit GPO Form 3468, "Authorization for Standing Order Service". This form and a list of standing order titles are available free of charge from the Superintendent of Documents. For more information on standing orders, write:

Department 40  
Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

#### CONGRESSIONAL PUBLICATIONS

The following Congressional materials are available from the Superintendent of Documents on a subscription basis: House and Senate Hearings, Public Bills, Reports on Public Bills, Private Bills, Reports on Private Bills, House and Senate Documents, Private Laws, Public Laws.

In most cases, single copies of these publications are not sold. Items which are not available for sale, may be obtained from the House and Senate Documents Rooms at the U.S. Capitol, Washington, D.C. 20515 (House) and 20510 (Senate) or from the issuing congressional committee. Sales items, including some committee prints, are identified with price and stock number in the individual entries in the *Monthly Catalog*. Prices on sales items are subject to change without notice. Current price information is available from the Superintendent of Documents.

#### FEDERAL DEPOSITORY LIBRARY PROGRAM

To help fulfill its responsibility to inform the public on the policies and programs of the Federal Government, Congress has established the Depository Library Program. Chapter 19 of title 44 of the *U.S. Code* is the authority for the establishment and operation of the depository program. Under this program, Government publications are made available to designated depository libraries. In order to provide the general public with greater access to Government publications, these libraries are located in each State and congressional district. There are currently over 1,350 depository libraries. Of this number, 50 have been designated as regional depositories. The regional libraries assume the responsibility of retaining depository material permanently and of providing inter-library loan and reference service in their regions. They also assist selective depository libraries with the disposal of unwanted material. Copies of documents no longer available through the GPO Sales Program can usually be found in regional Federal depository library collections. See the following page for a list of regional Federal depository libraries. To obtain a complete list of the depository libraries, write to:

Superintendent of Documents  
U.S. Government Printing Office  
Washington, D.C. 20402

SEND NO CHECKS OR ORDERS TO THESE LIBRARIES.

SEND NO CHECKS OR ORDERS TO THESE LIBRARIES.

### FEDERAL DEPOSITORY LIBRARY PROGRAM

The Federal Depository Library Program provides Government publications to designated libraries throughout the United States. The Regional Depository Libraries listed below receive and retain at least one copy of nearly every Federal Government publication, either in printed or microfilm form for use by the general public. These libraries provide reference services and inter-library loans; however, they are *not* sales outlets. You may wish to ask your local library to contact a Regional Depository to help you locate specific publications, or you may contact the Regional Depository yourself.

#### ARKANSAS STATE LIBRARY

One Capitol Mall  
Little Rock, AR 72201  
(501) 371-2326

#### AUBURN UNIV. AT MONTGOMERY LIBRARY

Documents Department  
Montgomery, AL 36193  
(205) 279-9110, ext. 253

#### UNIV. OF ALABAMA LIBRARY

Documents Dept.—Box S  
University, AL 35486  
(205) 348-736

#### DEPT. OF LIBRARY, ARCHIVES AND PUBLIC RECORDS

Third floor—State Cap.  
1700 West Washington  
Phoenix, AZ 85007  
(602) 255-4121

#### UNIVERSITY OF ARIZONA LIB.

Government Documents Dept.  
Tucson, AZ 85721  
(602) 626-5233

#### CALIFORNIA STATE LIBRARY

Govt. Publications Section  
P.O. Box 2037  
Sacramento, CA 95809  
(916) 322-4572

#### UNIV. OF COLORADO LIB.

Government Pub. Division  
Campus Box 184  
Boulder, CO 80309  
(303) 492-8834

#### DENVER PUBLIC LIBRARY

Govt. Pub. Department  
1357 Broadway  
Denver, CO 80203  
(303) 571-2131

#### CONNECTICUT STATE LIBRARY

Government Documents Unit  
231 Capitol Avenue  
Hartford, CT 06106  
(203) 566-4971

#### UNIV. OF FLORIDA LIBRARIES

Library West  
Documents Department  
Gainesville, FL 32611  
(904) 392-0367

#### UNIV. OF GEORGIA LIBRARIES

Government Reference Dept.  
Athens, GA 30602  
(404) 542-8951

#### UNIV. OF HAWAII LIBRARY

Govt. Documents Collection  
2550 The Mall  
Honolulu, HI 96822  
(808) 948-8230

#### UNIV. OF IDAHO LIBRARY

Documents Section  
Moscow, ID 83843  
(208) 885-6344

#### ILLINOIS STATE LIBRARY

Information Services Branch  
Centennial Building  
Springfield, IL 62706  
(217) 782-5185

#### INDIANA STATE LIBRARY

Serials Documents Section  
140 North Senate Avenue  
Indianapolis, IN 46204  
(317) 232-3686

#### UNIV. OF IOWA LIBRARIES

Govt. Documents Department  
Iowa City, IA 52242  
(319) 353-3318

#### UNIVERSITY OF KANSAS

Doc. Collect.—Spencer Lib.  
Lawrence, KS 66045  
(913) 864-4662

#### UNIV. OF KENTUCKY LIBRARIES

Govt. Pub. Department  
Lexington, KY 40506  
(606) 257-3139

#### LOUISIANA STATE UNIVERSITY

Middleton Library  
Govt. Docs. Dept.  
Baton Rouge, LA 70803  
(504) 388-2570

#### LOUISIANA TECHNICAL UNIV.

##### LIBRARY

Documents Department  
Ruston, LA 71272  
(318) 257-4962  
UNIVERSITY OF MAINE  
Raymond H. Fogler Library  
Tri-State Regional Documents  
Depository

Orono, ME 04469

(207) 581-1680

#### UNIVERSITY OF MARYLAND

McKeldin Lib.—Doc. Div.  
College Park, MD 20742  
(301) 454-3034

#### BOSTON PUBLIC LIBRARY

Government Docs. Dept.  
Boston, MA 02117  
(617) 536-5400 ext. 226

#### DETROIT PUBLIC LIBRARY

Sociology Department  
5201 Woodward Avenue  
Detroit, MI 48202  
(313) 833-1409

#### MICHIGAN STATE LIBRARY

P.O. Box 30007  
Lansing, MI 48909  
(517) 373-0640

#### UNIVERSITY OF MINNESOTA

Government Pubs. Division  
409 Wilson Library  
309 19th Avenue South  
Minneapolis, MN 55455  
(612) 373-7813

#### UNIV. OF MISSISSIPPI LIB.

Documents Department  
University, MS 38677  
(601) 232-5857

#### UNIV. OF MONTANA

Mansfield Library  
Documents Division  
Missoula, MT 59812  
(406) 243-6700

#### NEBRASKA LIBRARY COMM.

Federal Documents  
1420 P Street  
Lincoln, NE 68508  
(402) 471-2045

In cooperation with University of  
Nebraska-Lincoln

#### UNIVERSITY OF NEVADA LIB.

Govt. Pub. Department  
Reno, NV 89557  
(702) 784-6579

#### NEWARK PUBLIC LIBRARY

5 Washington Street  
Newark, NJ 07101  
(201) 733-7812

#### UNIVERSITY OF NEW MEXICO

Zimmerman Library  
Government Pub. Dept.  
Albuquerque, NM 87131  
(505) 277-5441

#### NEW MEXICO STATE LIBRARY

Reference Department  
325 Don Gaspar Avenue  
Santa Fe, NM 87501  
(505) 827-2033, ext. 22

#### NEW YORK STATE LIBRARY

Empire State Plaza  
Albany, NY 12230  
(518) 474-5563

#### UNIVERSITY OF NORTH CAROLINA

##### AT CHAPEL HILL

Wilson Library  
BA/SS Documents Division  
Chapel Hill, NC 27515  
(919) 962-1321

#### UNIVERSITY OF NORTH DAKOTA

Chester Fritz Library  
Documents Department  
Grand Forks, ND 58202  
(701) 777-2617, ext. 27  
(In cooperation with North  
Dakota State Univ. Library)

#### STATE LIBRARY OF OHIO

Documents Department  
65 South Front Street  
Columbus, OH 43215  
(614) 462-7051

#### OKLAHOMA DEPT. OF LIBRARIES

Government Documents  
200 NE 18th Street Oklahoma City, OK  
73105  
(405) 521-2502

#### OKLAHOMA STATE UNIV. LIB.

Documents Department  
Stillwater, OK 74078  
(405) 624-6546

#### PORTLAND STATE UNIV. LIB.

Documents Department  
P.O. Box 1151  
Portland, OR 97207  
(503) 229-3673

#### STATE LIBRARY OF PENN.

Government Pub. Section  
P.O. Box 1601  
Harrisburg, PA 17105  
(717) 787-3752

#### TEXAS STATE LIBRARY

Public Services Department  
P.O. Box 12927—Cap. Sta.  
Austin, TX 78753  
(512) 471-2996

#### TEXAS TECH UNIV. LIBRARY

Govt. Documents Department  
Lubbock, TX 79409  
(806) 742-2268

#### UTAH STATE UNIVERSITY

Merrill Library, U.M.C. 30  
Logan, UT 84322  
(801) 750-2682

#### UNIVERSITY OF VIRGINIA

Alderman Lib.—Public Doc.  
Charlottesville, VA 22901  
(804) 924-3133

#### WASHINGTON STATE LIBRARY

Documents Section  
Olympia, WA 98504  
(206) 753-4027

#### WEST VIRGINIA UNIV. LIB.

Documents Department  
Morgantown, WV 26506  
(304) 293-3640

#### MILWAUKEE PUBLIC LIBRARY

814 West Wisconsin Avenue  
Milwaukee, WI 53233  
(414) 278-3000

#### ST. HIST. LIB. OF WISCONSIN

Government Pub. Section  
816 State Street  
Madison, WI 53706  
(608) 262-4347

#### WYOMING STATE LIBRARY

Supreme Ct. & Library Bldg.  
Cheyenne, WY 82002  
(307) 777-6344

# HOW TO ORDER PUBLICATIONS

## AVAILABILITY OF PUBLICATIONS

Unless otherwise indicated, publications listed in this catalog are distributed by the issuing office which appears immediately before the publication date in each entry. Publications that are sold by GPO are indicated by a "For sale by the Supt. of Docs." statement in the text entries. The GPO stock number (S/N) and the price of the publication at the time the publication was listed in the *Monthly Catalog* are included in the entry under the item number. (See the sample entry on page V.) Entries for publications that are sold by the National Technical Information Service include a statement to that effect. Additional information necessary for procuring documents appears above or within the text entries. *Do not* use the Library of Congress card number in ordering publications.

## ORDERING DOCUMENTS FROM THE GOVERNMENT PRINTING OFFICE

### A. General Information

1. Publications that are sold by the Superintendent of Documents may be ordered directly from the Office of the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402.
2. Customers may submit orders for publications (please use GPO stock numbers and titles) on the order form found in the front of the catalog. Additional order forms are available from the Superintendent of Documents by requesting stock number 021-000-34309-9 and the quantity required. There is no charge for ordering these forms.
3. Customers requesting subscription services, or single issues of a subscription service, should refer to the *Periodicals Supplement* or to *Government Periodicals and Subscription Services, Price List 36*.
4. Customers may order by phone. The order desk is open from 8:00 A.M. to 4:00 P.M. Monday through Friday, and will accept orders charged to a Superintendent of Documents Deposit Account or to a VISA/MasterCard Account. The order desk phone number is 202-783-3238.
5. Customers with teletype equipment can also charge orders to a deposit account or credit card account by dialing the GPO TWX #710 822-9413; ANSWER BACK USGPO WSH.
6. Customers on the DIALOG system may transfer their orders via DIALORD.

### B. Ordering Publications

1. Order publications by GPO stock number whenever possible. The stock number format is 000-000-00000-0. Include the complete title for each publication requested.
2. If a GPO stock number does not appear in a *Monthly Catalog* text entry, that means that the publication is *not sold* by the Government Printing Office and cannot be ordered from the Superintendent of Documents.
3. Stock number, current price, and information regarding stock status is available from the order desk in Washington, D.C. (202-783-3238, a non-FTS commercial number.)
4. Congressional documents and reports that are sold by GPO should be ordered by the stock number and title together with the document or report number and the session of Congress, e.g., Y 1.1/7:97-1. (House document—97th Congress, 1st session; no. 1.)

5. Please indicate clearly on your order if you want the previous edition of a particular publication and not the newer edition. If you want the latest edition of a publication, indicate this also.
6. A 25 percent price discount is allowed for purchases of 100 or more copies of a single publication that are mailed to one address. Bookdealers buying for the purpose of resale will receive the same 25 percent discount, regardless of quantity, if the publications are mailed to their place of business. No discount is allowed when the publications are mailed to a third party unless the order is for 100 or more copies of a single publication. Also no discount is allowed on several periodicals or groups of publications which fall into a special pricing category.

#### C. How to Remit

##### *Checks*

1. All remittances for GPO sales documents should be by check or money order made payable to the *Superintendent of Documents*. Please do not send currency or coin.

##### *VISA/MASTERCARD*

The Superintendent of Documents is accepting orders to be charged to a valid VISA or MasterCard account. Customers who wish to use one of these services should furnish their credit card number and the date of expiration.

##### *Deposit Account*

Customers who make frequent purchases from the Superintendent of Documents will find a deposit account a convenient method for ordering publications and subscriptions.

1. A minimum deposit of \$50 is required to open a deposit account. Upon receipt of your remittance by this Office, you will be assigned a unique deposit account number against which you may place future orders. A positive balance must be maintained in your account in order to place future deposit account orders. Requests to open a deposit account should be submitted separately and addressed to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402. *Customers should send all deposits to their accounts separately from orders.*
2. *Be sure to include your deposit account number when placing deposit account orders.*
3. You will receive a monthly statement regarding the status of your deposit account provided there has been activity on the account during the previous month. The statement will indicate all charges made against the account during the month and the remaining balance. An account with a positive balance may be closed upon a customer's *written* request.
4. We suggest that deposit account customers maintain a balance sufficient to cover three months' purchases to assure prompt processing of their orders and to avoid the necessity of forwarding frequent deposits.

#### D. Additional Remittance Information for International Customers

1. Customs and international mailing regulations require special handling of all orders that are mailed outside of the United States. The Superintendent of Documents charges an additional 25 percent of the current domestic selling price of a publication or subscription service to cover the special handling charges. We also require that remittance be made in advance of shipment. We request that all correspondence with this Office be in English.

2. International customers should remit by International Postal Money Order, by a check or money order, in U.S. dollars, from a bank in Canada, the United States or its possessions. (Please note: In accordance with United States Department of the Treasury regulations, we cannot accept checks or money orders drawn on Canadian banks for amounts of less than four U.S. dollars (\$4.00). If your order is less than \$4.00, we suggest that you use your VISA or MasterCard.) We cannot accept drafts from foreign branches of an American bank. Orders received with postage stamps, International Response Coupons, or foreign currency are not acceptable and will be returned unprocessed.
3. To guarantee the price of a publication for purchase at a future date, customers may request a pro forma invoice. This invoice quotes the title of the publication, its price, and special handling charges. It is valid for 90 days from the date of the quote.
4. Unless otherwise specified by the customer, shipments for international orders will be sent surface mail. Airmail rates for publications vary according to the weight of the shipment and its destination. Airmail rates for individual issues of subscription services remain constant through the term of the service. The Superintendent of Documents recommends that international customers request airmail service for dated periodical subscription services. Information on airmail rates may be obtained by telephone (202-783-3238), telex (TWX #710 822-9413 ANSWER BACK USGPO WSH) or by mail.

**REMINDER:** Prices of publications are subject to change without notice and the prices charged on your order will be those in effect at the time your order is processed, with the exception of those who have requested a pro forma invoice in advance or have obtained a valid price quote.

#### DIRECTORY FOR ORDERING ASSISTANCE

- |  |                |
|--|----------------|
| 1. Telephone Order and Information Section (order desk).....<br>(general ordering information) | (202) 783-3238 |
| 2. Congressional Information Desk.....<br>(information on Congressional publications)          | (202) 275-3030 |
| 3. Publication Service Section.....<br>(publication complaints)                                | (202) 275-3050 |
| 4. Subscription Research Section.....<br>(subscription complaints)                             | (202) 275-3054 |
| 5. Deposit Account Section.....<br>(complaints regarding charges or deposits)                  | (202) 275-2481 |

\_\_\_\_\_

## LIST OF SPECIAL MATERIALS

Errata sheets, change notices, binders, and other materials not warranting a separate bibliographic description are listed below. The list is in Supt. of Docs. classification number order. Each entry in the list includes title, date, Supt. of Docs. item number, stock number, and price, as applicable.

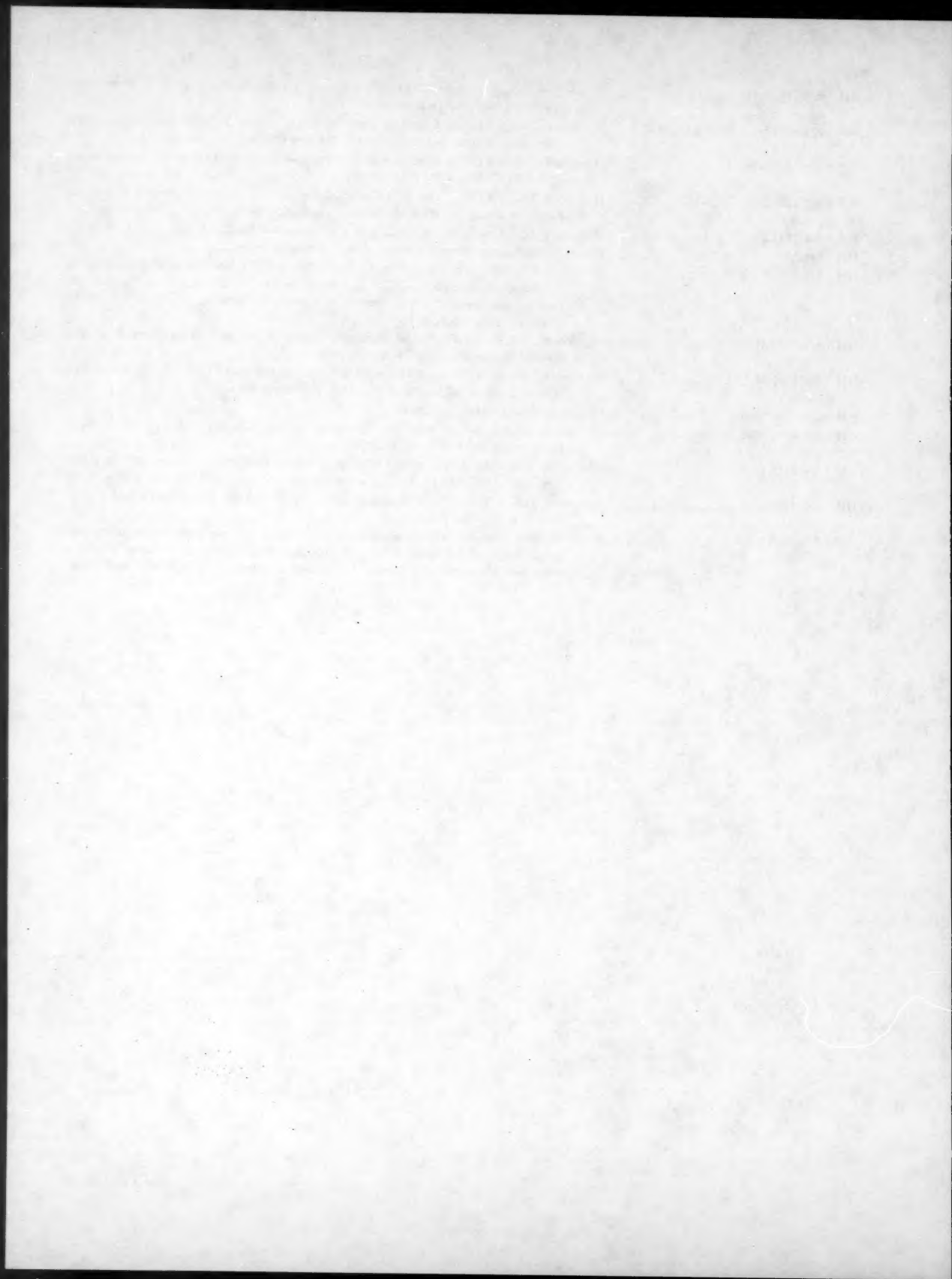
- HE 20.4008:P 43/v.2/977/trans.84-2..... FDA pesticides analytical manual. Transmittal notice 84-2. November 1984. ●Item 475-G
- HE 22.8/2:trans.IM 84-4..... Medicare, hospital manual. Transmittal no. IM 84-4. November 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.IM 85-1..... Medicare, hospital manual. Transmittal no. IM 85-1. January 1985. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.409..... Medicare, hospital manual. Transmittal no. 409. October 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.410..... Medicare, hospital manual. Transmittal no. 410. November 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.411..... Medicare, hospital manual. Transmittal no. 411. November 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.412..... Medicare, hospital manual. Transmittal no. 412. November 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.413..... Medicare, hospital manual. Transmittal no. 413. November 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.416..... Medicare, hospital manual. Transmittal no. 416. December 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.417..... Medicare, hospital manual. Transmittal no. 417. December 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.418..... Medicare, hospital manual. Transmittal no. 418. December 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.419..... Medicare, hospital manual. Transmittal no. 419. December 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.420..... Medicare, hospital manual. Transmittal no. 420. December 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/2:trans.424..... Medicare, hospital manual. Transmittal no. 424. January 1984. ●Item 512-A-21. S/N 917-005-00000-1. (Subscription).
- HE 22.8/3:trans.220..... Medicare, skilled nursing facility manual. Transmittal no. 220. November 1984. ●Item 512-A-23. S/N 917-008-00000-1. (Subscription).
- HE 22.8/3:trans.221..... Medicare, skilled nursing facility manual. Transmittal no. 221. January 1985. ●Item 512-A-23. S/N 917-008-00000-1. (Subscription).
- HE 22.8/4:trans.316..... Medicare, provider reimbursement manual. Part 1. Transmittal no. 316. December 1984. ●Item 512-A-22. S/N 917-007-00000-4. (Subscription).
- HE 22.8/4:trans.317..... Medicare, provider reimbursement manual. Part 1. Transmittal no. 317. December 1984. ●Item 512-A-22. S/N 917-007-00000-4. (Subscription).
- HE 22.8/4:trans.318..... Medicare, provider reimbursement manual. Part 1. Transmittal no. 318. February 1985. ●Item 512-A-22. S/N 917-007-00000-4. (Subscription).
- HE 22.8/5:trans.IM 84-3..... Medicare, home health agency manual. Transmittal no. IM 84-3. October 1984. ●Item 512-A-25. S/N 917-004-00000-5. (Subscription).
- HE 22.8/5:trans.160..... Medicare, home health agency manual. Transmittal no. 160. December 1984. ●Item 512-A-25. S/N 917-004-00000-5. (Subscription).
- HE 22.8/6:trans.IM 84-4..... Medicare, intermediary manual. Part 3—Claims process. Transmittal no. IM 84-4. October 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
- HE 22.8/6:trans.IM 84-5..... Medicare, intermediary manual. Part 3—Claims process. Transmittal no. IM 84-5. November 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
- HE 22.8/6:trans.IM 84-6..... Medicare, intermediary manual. Part 3—Claims process. Transmittal no. IM 84-6. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
- HE 22.8/6:trans.IM 85-1..... Medicare, intermediary manual. Part 3—Claims process. Transmittal no. IM 85-1. January 1985. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
- HE 22.8/6:trans.1159..... Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1159. November 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
- HE 22.8/6:trans.1160..... Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1160. November 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).

HE 22.8/6:trans.1161 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1161. November 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1162 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1162. November 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1167 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1167. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1170 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1170. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1171 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1171. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1172 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1172. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1173 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1173. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1174 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1174. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1175 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1175. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1176 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1176. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1177 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1177. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1178 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1178. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1179 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1179. December 1984. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1180 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1180. January 1985. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1181 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1181. January 1985. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1182 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1182. January 1985. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1183 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1183. January 1985. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1184 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1184. January 1985. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1185 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1185. January 1985. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6:trans.1186 .....	Medicare, intermediary manual. Part 3—Claims process. Transmittal no. 1186. January 1985. ●Item 512-A-25. S/N 917-006-00000-8. (Subscription).
HE 22.8/6-2:trans.326 .....	Medicare, intermediary manual. Part 2—Audits, reimbursement, program administration. October 1984. ●Item 512-A-25.
HE 22.8/6-2:trans.326A .....	Medicare, intermediary manual. Part 2—Audits, reimbursement, program administration. Transmittal no. 326A. October 1984. ●Item 512-A-25.
HE 22.8/6-2:trans.327 .....	Medicare, intermediary manual. Part 2—Audits, reimbursement, program administration. Transmittal no. 327. October 1984. ●Item 512-A-25.
HE 22.8/6-2:trans.328 .....	Medicare, intermediary manual. Part 2—Audits, reimbursement, program administration. Transmittal no. 328. December 1984. ●Item 512-A-25.
HE 22.8/6-4:trans.9 .....	Medicare, intermediary manual. Part 4—Audit, procedures. Transmittal no. 9. December 1984. ●Item 512-A-25.
HE 22.8/6-4:trans.10 .....	Medicare, intermediary manual. Part 4—Audit, procedures. Transmittal no. 10. January 1985. ●Item 512-A-25.
HE 22.8/6-5:A-84-23 .....	Medicare, Part A intermediary letter. Transmittal no. A-84-23. December 1984. ●Item 512-A-25.
HE 22.8/6-5:A-84-24,B-84-20 .....	Medicare, Part A intermediary letter. Part B intermediary letter. Part A no. A-84-24. Part B no. B-84-20. December 1984. ●Item 512-A-25.
HE 22.8/6-5:A-84-25,B-84-21 .....	Medicare, Part A, intermediary letter. Part B, intermediary letter. Part A no. A-84-25. Part B no. B-84-21. January 1985. ●Item 512-A-25.
HE 22.8/6-5:A-84-26,B-84-22 .....	Medicare. Part A, intermediary letter, Part B, intermediary letter. Part A no. 84-26, Part B no. A-84-22. January 1985. ●Item 512-A-25.
HE 22.8/6-5:A-84-27,B-84-23 .....	Medicare. Part A intermediary letter. Part B intermediary letter. Part A no. A-84-27. Part B no. B-84-23. January 1985. ●Item 512-A-25.

HE 22.8/6-5:A-85-1,B-85-1 .....	Medicare. Part A, intermediary letter, part B, intermediary letter. Part A no. A-85-1, Part B no. B-85-1. February 1985. ●Item 512-A-25.
HE 22.8/6-5:A-85-2 .....	Medicare. Part A intermediary letter. Transmittal no. A-85-2. February 1985. ●Item 512-A-25.
HE 22.8/6-5:B-84-12 .....	Medicare. Part B intermediary letter. Transmittal no. B-84-12. October 1984. ●Item 512-A-25.
HE 22.8/6-5:B-84-14 .....	Medicare. Part B intermediary letter. Transmittal no. B-84-14. October 1984. ●Item 512-A-25.
HE 22.8/6-5:B-84-24 .....	Medicare. Part B intermediary letter. Transmittal no. B-84-24. January 1985. ●Item 512-A-25.
HE 22.8/7:IM 84-5 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. IM 84-5. December 1984. ●Item 512-A-25.
HE 22.8/7:IM 85-1 .....	Medicare, carriers manual. Part 3, Claims process. Interim manual instruction. Transmittal no. IM 85-1. January 1985. ●Item 512-A-25.
HE 22.8/7:trans.1054 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1054. October 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1055 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1055. October 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1056 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1056. October 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1057 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1057. November 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1058 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1058. November 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1062 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1062. December 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1063 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1063. December 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1064 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1064. December 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1065 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1065. December 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1066 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1066. December 1984. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1067 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1067. December 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1068 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1068. December 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1069 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1069. December 1984. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1070 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1070. January 1985. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1071 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1071. January 1985. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1072 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1072. January 1985. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1073 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1073. January 1985. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1074 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1074. January 1985. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/7:trans.1075 .....	Medicare, carriers manual. Part 3—Claims process. Transmittal no. 1075. February 1985. ●Item 512-A-25. S/N 917-003-00000-9. (Subscription).
HE 22.8/8:trans.286 .....	Regional office manual, medicare. Transmittal no. 286. November 1984. ●Item 512-A-25.
HE 22.8/8-3:trans.18 .....	Regional office manual, standards and certification. Transmittal no. 18. December 1984. ●Item 512-A-25.
HE 22.8/10:pt.2/trans.1 .....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 1. July 1981.
HE 22.8/10:pt.2/trans.2 .....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 2. December 1981.
HE 22.8/10:pt.2/trans.3 .....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 3. January 1982.
HE 22.8/10:pt.2/trans.4 .....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 4. February 1982.
HE 22.8/10:pt.2/trans.5 .....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 2. March 1982.
HE 22.8/10:pt.2/trans.6 .....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 6. October 1982.
HE 22.8/10:pt.2/trans.7 .....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 7. November 1982.

HE 22.8/10:pt.2/trans.8.....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 8. December 1982.
HE 22.8/10:pt.2/trans.9.....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 9. February 1983.
HE 22.8/10:pt.2/trans.10.....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 10. February 1983.
HE 22.8/10:pt.2/trans.11.....	State Medicaid manual. Pt. 2, State organization. Transmittal no. 11. February 1983.
HE 22.8/10:pt.2/trans.30.....	State Medicaid manual. Pt. 2—State organization. Transmittal no. 30. December 1984. ●Item 512-A-22.
HE 22.8/10:pt.2/trans.31.....	State Medicaid manual. Pt. 2—State organization. Transmittal no. 31. December 1984. ●Item 512-A-22.
HE 22.8/10:pt.3/trans.1.....	State Medicaid manual. Pt. 3, Eligibility. Transmittal no. 1. February 1983.
HE 22.8/10:pt.3/trans.2.....	State Medicaid manual. Pt. 3, Eligibility. Transmittal no. 2. February 1983.
HE 22.8/10:pt.3/trans.2A.....	State Medicaid manual. Pt. 3, Eligibility. Transmittal no. 2A. March 1983.
HE 22.8/10:pt.3/trans.TM-84-2.....	State Medicaid manual. Pt. 3, Eligibility. Transmittal no. TM 84-2. January 1985. ●Item 512-A-22.
HE 22.8/10:pt.4/trans.1.....	State Medicaid manual. Pt. 4, Services. Transmittal no. 1. October 1982.
HE 22.8/10:pt.4/trans.2.....	State Medicaid manual. Pt. 4, Services. Transmittal no. 2. December 1982.
HE 22.8/10:pt.4/trans.3.....	State Medicaid manual. Pt. 4, Services. Transmittal no. 3. December 1982.
HE 22.8/10:pt.4/trans.4.....	State Medicaid manual. Pt. 4, Services. Transmittal no. 4. February 1983.
HE 22.8/10:pt.4/trans.5.....	State Medicaid manual. Pt. 4, Services. Transmittal no. 5. March 1983.
HE 22.8/10:pt.4/trans.13.....	State Medicaid manual. Pt. 4, Services. Transmittal no. 14. December 1984.
HE 22.8/10:pt.5/trans.1.....	State Medicaid manual. Pt. 5, Early and periodic screening, diagnosis, and treatment (EPSDI). Transmittal no. 1. October 1982.
HE 22.8/10:pt.7/trans.1.....	State Medicaid manual. Pt. 7, Quality control. Transmittal no. 1. February 1981.
HE 22.8/10:pt.7/trans.27.....	State Medicaid manual. Pt. 7, Quality control. Transmittal no. 27. February 1985. ●Item 512-A-22.
HE 22.8/10:pt.8/trans.1.....	State Medicaid manual. Pt. 8, Program integrity. Transmittal no. 1. March 1983.
HE 22.8/10:pt.11/trans.1.....	State Medicaid manual. Pt. 11, Medicaid management information system. Transmittal no. 1. July 1981.
HE 22.8/10:pt.11/trans.3.....	State Medicaid manual. Pt. 11, Medicaid management information system. Transmittal no. 3. October 1982.
HE 22.8/10:pt.11/trans.4.....	State Medicaid manual. Pt. 11, Medicaid management information system. Transmittal no. 4. February 1982.
HE 22.8/10:pt.14/trans.1.....	State Medicaid manual. Pt. 14, Administrative. Transmittal no. 1. April 1981.
HE 22.8/12:trans.147.....	State operations manual, provider certification. Transmittal no. 147. November 1981. ●Item 512-A-22.
HE 22.28:trans.84-13.....	Medicaid, action transmittal. Transmittal no. 84-13. October 1984. ●Item 512-A-22.
HE 22.28:trans.84-16.....	Medicaid, action transmittal. Transmittal no. 84-16. December 1984. ●Item 512-A-22.
HE 22.28:trans.84-17.....	Medicaid, action transmittal. Transmittal no. 84-17. December 1984. ●Item 512-A-22.
HE 22.28:trans.84-18.....	Medicaid, action transmittal. Transmittal no. 84-18. January 1985. ●Item 512-A-22.
HE 22.28:trans.85-1.....	Medicaid, action transmittal. Transmittal no. 85-1. January 1985. ●Item 512-A-22.
HE 22.28:trans.85-2.....	Medicaid, action transmittal. Transmittal no. 85-2. February 1985. ●Item 512-A-22.
HE 23.3008:G 34/trans.....	Transmittal of new health promotion publications. 1984. Item 447-A-3.
HE 23.3013:84-39.....	Information memorandum. Technical assistance materials for AoA initiative on development of family support groups for families of older persons with Alzheimer's disease. 4/30/84.
HH 1.6/6:1100.3/rev.4.....	Handbook 1100.3 REV-4, organization of the Department of Housing and Urban Development. Transmittal handbook no.: 1100.3 REV-4. October 1984.
HH 1.6/6:1105.1/rev.3.....	Revised handbook 1105.1 REV-3. Departmental organization policies, standards, and procedures. Transmittal handbook no.: 1105.1 REV-3.
HH 1.6/6:1120.1/rev.5.....	Handbook 1120.1 REV-5, Organization of the Office of General Counsel. Transmittal. 1120.1 REV-5. August 27, 1984.
HH 1.6/6:1130.1/rev.4.....	Handbook 1130.1 REV-4, Organization: Assistant Secretary for Housing—Federal Housing Commissioner. Transmittal. 1130.1 REV-4. 9/18/84.
HH 1.6/6:1325.1/ch.4.....	Changes to Handbook 1325.1, Privacy Act handbook. Transmittal. 1325.1 CHG-4. March 1984.
HH 1.6/6:1341.1.....	HUD handbook 1341.1, Conducting Davis-Bacon residential construction wage rate surveys. Transmittal. 1341.1. June 22, 1983.
HH 1.6/6:1390.4.....	Handbook 1390.4: A Guide to HUD environmental criteria and standards contained in 24 CFR part 51. Transmittal. 1390.4. August 1984.
HH 1.6/6:1830.2/rev.3.....	Handbook 1830.2 REV-3, administrative control of funds. Transmittal handbook no.: 1830.2 REV-3. August 8, 1984.
HH 1.6/6:1925.2/rev.1/ch.3.....	Change 3 to Handbook 1925.2 REV-1, Establishment and operation of imprest funds. Transmittal. 1925.2 REV-1 CHG-3. March 26, 1984.

HH 1.6/6:2140.5/rev.6/ch.1.....	ETRS procedurals 1-84 thru 4-84 for changes to Handbook 2140.5 REV-6. Transmittal. 2140.5 REV-6 Change 1. March 27, 1984.
HH 1.6/6:2140.5/rev.6/ch.2.....	Handbook 2140.5 REV-6, Employee time reporting system (ETRS): Regional and field office instructions. Transmittal. 2140.5 REV-6 CHG-2. October 1, 1984.
HH 1.6/6:2200.2/rev.2 .....	Handbook 2200.2 REV-2, headquarters building parking plan. Transmittal handbook no: 2200.2 REV-2. July 31, 1984.
HH 1.6/6:2210.3/rev.2/ch.1.....	Handbook 2210.3 REV-2, change 1 "Procurement policies and procedures". Transmittal handbook no.:2210.3 REV-2, change 1. June 20, 1984.
HH 1.6/6:2223.1.....	Handbook 2223.1, files management policy. Transmittal handbook no.: 2223.1. 9/28/84.
HH 1.6/6:2224.1.....	Micrographics management handbook, 2224.1. Transmittal. 2224.1.
HH 1.6/6:2225.6/ch.29.....	New item 8, revised item 27, and deleted item 27-1 of HUD records disposition schedule 3, "Administrative records," for incorporation into Handbook 2225.6, Records disposition management: HUD records schedules. Transmittal handbook no.: 2225.6 CHG-29. September 28, 1984.
HH 1.6/6:2362.31.....	Handbook 2362.31, ADP terminal operation handbook for the CDBG contract activity system. Transmittal. 2362.31. March 1984.
HH 1.6/6:2362.34.....	Handbook 2362.34, ADP terminal operation handbook for the CDBG jobs bill information system. Transmittal handbook no.: 2362.34. August 1984.
HH 1.6/6:4240.1/ch.4.....	Handbook 4240.1 CHG. 4. 6/26/80.
HH 1.6/6:4350.1/ch.46.....	Change to Insured project servicing handbook, 4350.1, date 9/16/70. Transmittal handbook no.: 4350.1 CHG. 46. 9/12/84.
HH 1.6/6:4555.1/ch.2.....	Change to Handbook 4555.1, rental housing in urban renewal areas for project mortgage insurance dated March 1973. Transmittal handbook no.: 4555.1 CHG-2. 8/21/84.
HH 1.6/6:4700.2.....	Handbook 4700.2, Title I lender approval handbook dated 8/84. Transmittal handbook no.: 4700.2. August 7, 1984.
HH 1.6/6:7420.3/rev.2/ch.11.....	Public housing agencies (PHAs) administering the Section 8 moderate rehabilitation program: Regional Directors, Office of Housing; Field Directors, Housing Development and Management Division. Transmittal handbook no.: 7420.3 REV-2, CHG. 11. 6/19/84.



## New Classification Numbers

Agency	Classification No.	Title
Air Force Department	D 301.26/17-4:nos.	Module (series).
Army Command and General Staff College	D 110.11:nos.	Combat Studies Institute, research survey.
Army Medical Department	D 104.31/2:ltrs.nos.	Text pamphlet (series).
Assistant Public Printer (Superintendent of Documents)	GP 3.8/5:date	Monthly Catalog of United States Government Publications, Periodicals Supplement (annual). Formerly classed: GP 3.8: Formerly entitled: Monthly Catalog of United States Government Publications, Serials Supplement.
Government Printing Office		Monthly Catalog of United States Government Publications, Periodicals Supplement (annual). Formerly classed: GP 3.8: Formerly entitled: Monthly Catalog of United States Government Publications, Serials Supplement.
Defense Department	D1.46/6:v.nos.&nos.	Defense Contract Audit Agency bulletin (monthly).
Defense Intelligence Agency	D 5.213:CT	Posters.
Defense Logistics Agency	D 7.16/2:date	Region index of publications, forms and form letters. Designated DCASR LA H 5025.1.
Engineers Corps (Army)	D 103.119:date D 103.120:CT D 103.120/2:CT	Army facilities energy plan.
Federal Aviation Administration	TD 4.32/23:nos.	Student workbook (series).
Federal Emergency Management Agency	FEM 1.23:date	Student handout (series).
Federal Judicial Center	Ju 13.12:CT	FAA/AT (series).
Foreign Agricultural Service	A 67.44:date	Watermark (quarterly).
General Accounting Office	GA 1.5/14:v.nos.&nos.	Innovations in the Courts: Series on Court Administration.
Geological Survey	I 19.92:nos. I 19.85:ltrs.nos.	Food for peace, Annual report on Public law 480. See, for earlier class, A 1.119:(date).
International Trade Administration	C 61.32:date	Digest of unpublished decisions of the Comptroller General of the United States-OCC/index-Digest Section (monthly). This new class and title replace GA 1.5/9; GA 1.5/10; GA 1.5/11; and GA 1.5/13:
Justice Statistics Bureau	J 29.13:CT	Oil and gas investigations chart.
Land Management Bureau	I 53.11/6:CT/ltrs.nos. I 53.37:v.nos.&nos. LC 4.10:nos.&pts.	Coal investigations map.
Library of Congress	LC 30.27:CT LC 43.8:CT	Directory of employees for the International Trade Administration (quarterly).
Management and Budget Office	PrEx 2.8/9:date	Justice Statistics Bureau "Special reports".
Military Sealift Command (Navy)	D 216.10:CT	Minerals management quad.
Minerals Management Service	I 72.12/3:nos.	Alaska conveyance news (bi-monthly).
National Archives and Records Service	GS 4.17/7:CT	Registers of Papers in the Manuscript Division of the Library of Congress.
National Environmental Satellite, Data and Information Service	C 55.220/2-2:date	Bibliographies and lists of publications.
National Institute of Child Health and Human Development	HE 20.3351/2:date HE 20.3351/3:date	Handbooks, manuals, and guides.
		Management of the United States Government, Fiscal year (annual).
		Posters.
		OCS report.
		Select audiovisual records, photographs of: Select audiovisual records, Pictures of the . . . go in this class also.
		World Data Center A, Oceanography, Catalogue of accessioned publications. Supplement no. (annual). Designated, WDCA-OC- See, for earlier class: C 55.220/4:P 96/supp.3.
		Center for Research for Mothers and Children. Progress report (annual).
		Center for Population Research, Progress report (annual).

National Marine Fisheries Service	C 55.339:nos.
Naval Military Personnel Command	D 208.24:date
Naval Oceanography Command	D 218.11:date
Nuclear Regulatory Commission	Y 3.N 88:51/v.nos.&nos.
Soil Conservation Service	A 57.38/2:CT
State Department	S. 1.5/6-2:nos.
Treasury Department	T 1.1/3:date
United States Attorneys, Executive Office for	J. 31.12:v.nos.&nos.
United States Marshals Service	J 25.8:CT
Veterans Administration	VA 1.75:date

Marine recreational fisheries (annual).

Biennial officer billet summary (biennial). Designated: NAVPERS 15994.

National Oceanographic fleet operating schedules (annual).

ITS news (quarterly).

Soil and Water Conservation District resources inventory.

Foreign affairs manual circular.

United States Government Annual Report. Formerly classed and entitled: T 63.113: Combined statement of Receipts expenditures balances of government for fiscal year.

United States attorney's bulletin (bi-weekly).

Handbooks, manuals, and guides.

Employment data on T.38 physicians, dentists and nurses (quarterly).

## Corrections for Previous Monthly Catalogs

Catalog	Entry no.	Title	Correction
May 1982	82-12044	Directory, fertilizer . . .	Add ●Item 1083-B (microfiche) to this entry.
June 1983	83-12833	Health and sanitation lessons . . .	Change class to PE 1.10:R-27 B, and add ●Item no. 74-E to this entry.
	83-12835	Homemaking handbook . . .	Change class to PE 1.10:R-39, and add ●Item 74-E to this entry.
	83-12836	Rice production . . .	Change class to PE 1.10:R-40, and add ●Item 74-E to this entry.
Serials Supplement 1984	84-2148	DRH bulletin. Radiological . . .	Change class to HE 20.4612:(v.nos. & nos.)
Mar. 1984	84-6253	Aids for health and home . . .	Change class to PE 1.10:R-3, and add ●Item no. 74-E to this entry.
	84-6254	Tales of wisdom in folly . . .	Change class to PE 1.10:R-13, and add ●Item no. 74-E to this entry.
	84-6259	Primary school arts . . .	Change class to PE 1.10:R-37, and add ●Item no. 74-E to this entry.
	84-6579	Defense Property Disposal . . .	Change class to D 7.6/13:5810.1/2.
	84-6581	Environmental and societal . . .	Change the first class to E 1.16:10019-02/pt.1-3.
Apr. 1984	84-8828	Duck stamp data . . .	This entry is a duplicate of preceding entry 84-8827.
Aug. 1984	84-16292	Fremont National Forest . . .	Change class to A 13.13:F 88/3 and add ●Item no. 85 to this entry.
Oct. 1984	84-20589	Individual state descriptions . . .	Change class to D 101.2:St 2/2.
	84-21105	Report of the Director . . .	Change class to HE 20.3211/2:983/v.3-5.
Dec. 1984	84-24107	Peru. Scale . . .	Change class to PrEx 3.10/4:P 43/2.
Feb. 1985	85-3172	Report of the Director . . .	Change class to HE 20.3211/1:983/v.1-2.
Apr. 1985	85-9400	International competitiveness . . .	Change class to Y 3.T 22/2:2 El 2/3/sum.

THE HISTORY OF THE CITY OF BOSTON

From the first settlement of the city in 1630 to the present time. The city of Boston was founded by a group of Puritan settlers who came to the New World seeking religious freedom and a better life. The city grew rapidly in the 17th century, becoming one of the most important ports in the colonies. It was the site of many important events, including the Boston Tea Party and the Battle of Bunker Hill. The city was also the center of the American Revolution, and it played a key role in the formation of the United States. The city's history is a testament to the courage and vision of its people, and it continues to inspire us today.

## List of Government Authors

	Beginning class
ACTION, Washington, DC 20525 .....	AA 1.2:Am 3
Advisory Council on Historic Preservation, Washington, DC 20005 .....	Y 3.H 62:1/984
Aging, Administration on, Washington, DC 20201 .....	HE 23.3002:H 75
Agricultural Cooperative Service, Washington, DC 20250 .....	A 109.10:21
Agricultural Marketing Service, Washington, DC 20250 .....	A 88.15/23:984
Agricultural Research Service, Washington, DC 20250 .....	A 77.2:P 84/2
Agriculture Department, Washington, DC 20250 .....	A 1.1:983
Air Force Academy, U.S. Air Force Academy, CO 80840 .....	D 305.6/2:W 44
Air Force Department, Washington, DC 20330 .....	D 301.2:J 98
Air Quality Planning and Standards Office, Washington, DC 20460 .....	EP 4.2:L 46/4
Alcohol, Tobacco, and Firearms Bureau, Washington, DC 20226 .....	T 70.5:F 51/2/983
American Forces Information Service, Washington, DC 20301 .....	D 2.14:GEN-39/2
American Historical Association, Washington, DC 20560 .....	SI 4.1:983
Animal and Plant Health Inspection Service, Washington, DC 20250 .....	A 101.2:Em 3
Army Department, Washington, DC 20310 .....	D 101.2:C 86/3
Army Ordnance Center and School, Washington, DC 20310 .....	D 105.2:Eq 5
Assistant Public Printer (Superintendent of Documents), Government Printing Office, Washington, DC 20402 .....	GP 3.22/2:025/11
Aviation Medicine Office, Washington, DC 20553 .....	TD 4.210:84-6
Board for International Broadcasting, Washington, DC 20005 .....	Y 3.B 78:1/985
Census Bureau, Suitland, MD 20233 .....	C 3.2:C 33/37
Centers for Disease Control, Atlanta, GA 30333 .....	HE 20.7021/3-2:1-6
Central Intelligence Agency, Washington, DC 20505 .....	PrEx 3.10/4:Af 8/11
Civil Rights Commission, Washington, DC 20425 .....	CR 1.10:85
Coast Guard, Washington, DC 20590 .....	TD 5.2:Sa 1/3/983
Commerce Department, Washington, DC 20230 .....	C 1.1/2:983-2
Commodity Futures Trading Commission, Washington, DC 20581 .....	Y 3.C 73/5:1/984
CONGRESS	
Congressional Serial Set .....	Y 1.1/2:Serial 13457
Economic Joint Committee, Washington, DC 20510 .....	Y 4.Ec 7:N 21/3/984
Taxation, Joint Committee on, Washington, DC 20510 .....	Y 4.T 19/4:R 32/10
House of Representatives, Washington, DC 20515 .....	Y 1.2:IN 8/5/985
House documents .....	Y 1.1/7:98-49
House reports .....	Y 1.1/8:98-1177
Aging, Select Committee on, Washington, DC 20515 .....	Y 4.Ag 4/2:Al 9/4
Agriculture, Committee on, Washington, DC 20515 .....	Y 4.Ag 8/1:Ec 7/3
Appropriations, Committee on, Washington, DC 20515 .....	Y 4.AP 6/1:M 59/7/986/pt. 3
Armed Services, Committee on, Washington, DC 20515 .....	Y 4.Ar 5/2:Ar 5/2
Budget, Committee on the, Washington, DC 20515 .....	Y 4.B 85/3:Ec 7/19
District of Columbia, Committee on the, Washington, DC 20515 .....	Y 4.D 63/1:98-1
Education and Labor, Committee on Washington, DC 20515 .....	Y 4.Ed 8/1:C 43/28
Energy and Commerce, Committee on, Washington, DC 20515 .....	Y 4.En 2/3:98-163
Foreign Affairs, Committee on, Washington, DC 20515 .....	Y 4.F 7/1:Af 8/26
Government Operations, Committee on, Washington, DC 20515 .....	Y 4.G 74/7:Au 2/10
Interior and Insular Affairs, Committee on, Washington, DC 20515 .....	Y 4.In 8/14:M 66/8
Judiciary, Committee on the, Washington, DC 20515 .....	Y 4.J 89/1:In 2/9/984
Merchant Marine and Fisheries, Committee on, Washington, DC 20515 .....	Y 4.M 53:M 33/15
Narcotics Abuse and Control, Select Committee on, Washington, DC 20515 .....	Y 4.N 16:98-2-4
Post Office and Civil Service, Committee on, Washington, DC 20515 .....	Y 4.P 84/10:98-55
Public Works and Transportation, Committee on, Washington, DC 20515 .....	Y 4.P 96/11:98-85
Rules, Committee on, Washington, DC 20515 .....	Y 4.R 86/1:C 76/12/pt. 1-2
Science and Technology, Committee on, Washington, DC 20515 .....	Y 4.Sci 2:98/DD
Small Business, Committee on, Washington, DC 20515 .....	Y 4.Sm 1:C 73/6
Speaker's Commission on Pages, Washington, DC 20515 .....	Y 4.Sp 3:P 14/2
Veterans' Affairs, Committee on, Washington, DC 20515 .....	Y 4.V 64/3:R 29

PRELIM. 33

	Beginning class
Ways and Means, Committee on, Washington, DC 20515.....	Y 4.W 36:98-91
Senate, Washington, DC 20510	
Senate documents.....	Y 1.1/3:98-1
Senate reports.....	Y 1.1/5:98-8
Senate treaty documents.....	Y 1.1/4:98-2
Appropriations, Committee on, Washington, DC 20510.....	Y 4.Ap 6/2:S.hrg. 98-911/pt. 3-4
Armed Services, Committee on, Washington, DC 20510.....	Y 4.Ar 5/3:S.hrg. 98-724/pt. 8
Banking, Housing and Urban Affairs, Committee on, Washington, DC 20510.....	Y 4.B 22/3:S.hrg. 98-1012
Commerce, Science, and Transportation, Committee on, Washington, DC 20510.....	Y 4.C 73/7:S.hrg. 98-1164
Energy and Natural Resources, Committee on, Washington, DC 20510.....	Y 4.En 2:S.hrg. 98-1175
Finance, Committee on, Washington, DC 20510.....	Y 4.F 49:S.hrg. 98-1145
Foreign Relations, Committee on, Washington, DC 20510.....	Y 4.F 76/2:S.hrg. 98-1160
Governmental Affairs, Committee on, Washington, DC 20510.....	Y 4.G 74/9:S.hrg. 98-1125
Indian Affairs, Select Committee on, Washington, DC 20510.....	Y 4.In 2/11:S.hrg. 98-1185
Judiciary, Committee on the, Washington, DC 20510.....	Y 4.J 89/2:S.hrg. 98-1135
Labor and Human Resources, Committee on, Washington, DC 20510.....	Y 4.L 11/4:S.hrg. 98-497/pt. 3
Small Business, Committee on, Washington, DC 20510.....	Y 4.Sm 1/2:S.hrg. 98-1166
Veteran's Affairs, Committee on, Washington, DC 20510.....	Y 4.V 64/4:S.hrg. 98-1211
Congressional Budget Office, Washington, DC 20515.....	Y 10.2:B 85/21
Consumer Product Safety Commission, Washington, DC 20016.....	Y 3.C 76/3:11/92/984
Cooperative State Research Service, Washington, DC 20205.....	A 94.14:979/v.1
Copyright Office, Washington, DC 20559.....	LC 3.4/2:13/6
Customs Service, Washington, DC 20229.....	T 17.2: 96/15
Defense Department, Washington, DC 20301.....	D 1.2:Am 3/2/v.1300-1/982/ stud.
Defense Intelligence Agency, Washington, DC 20301.....	D 5.210:984-85
Defense Logistics Agency, Cameron Station, Alexandria, VA 22314.....	D 7.2:Sa 3
Defense Mapping Agency, Washington, DC 20305.....	D 5.315/2:984-2/v.1
Economic Research Service, Washington, DC 20250.....	A 93.2:F 73/6/984
Education Department, Washington, DC 20202.....	ED 1.2:G 76/4
Employment Standards Administration, Washington, DC 20210.....	L 36.205/2:5/2
Energy Department, Washington, DC 20585.....	E 1.2:F 95
Engineers Corps.....	D 103.1/2:982/pt.1
Environmental Protection Agency, Washington, DC 20460.....	EP 1.2:H 33/10
Environmental Research Laboratories, Boulder, CO 80302.....	C 55.601/5:983-984
Extension Service, Washington, DC 20250.....	A 43.2:C 28
Farmers Home Administration, Washington, DC 20250.....	A 84.2:H 62/982
Federal Aviation Administration, Washington, DC 20553.....	TD 4.2:Ai 7/32
Federal Bureau of Investigation, Washington, DC 20535.....	J 1.14/2:F 49/16
Federal Communications Commission, Washington, DC 20554.....	CC 1.1:983
Federal Emergency Management Agency, Washington, DC 20472.....	FEM 1.11:106
Federal Energy Regulatory Commission, Washington, DC 20545.....	E 2.2:M 58
Federal Grain Inspection Service, Washington, DC 20250.....	A 104.1:983
Federal Highway Administration, Washington, DC.....	TD 2.2:T 22/5
Federal Insurance Administration, Washington, DC 20472.....	FEM 1.209:080070
Federal Interagency Committee on Education, Washington, DC 20201.....	Y 3.Ed 8/4:1/983
Federal Labor Relations Authority, Washington, DC 20424.....	Y 3.F 31/21-3:10-4/v.12
Federal Maritime Commission, Washington, DC 20573.....	FMC 1.12:985
Federal Railroad Administration, Washington, DC 20590.....	TD 3.15:84/02.1
Federal Register Office, Washington, DC 20408.....	GS 4.108:4/985
Federal Supply and Services Office, Washington, DC 20405.....	GS 2.2:P 94/2
Federal Trade Commission, Washington, DC 20580.....	FT 1.2:Im 7/2
Fiscal Services, Washington, DC 20226.....	T 63.118/2:982
Fish and Wildlife Service, Washington, DC 20240.....	I 49.2:H 62
Food and Drug Administration, Rockville, MD 20857.....	HE 20.4001/2:985
Food and Nutrition Service, Washington, DC 20250.....	A 98.15:984
Forest Service, Washington, DC 20250.....	A 13.2:Ae 8/4
General Accounting Office, Washington, DC 20548.....	GA 1.13:AFMD-84-48

	Beginning class
General Services Administration, Washington, DC 20405.....	GS 1.2:So 2/2
Geological Survey, Reston, VA 22092.....	I 19.2:M 27/3
Government Printing Office, Washington, DC 20402.....	GP 1.2:C 73/5
Head Start Bureau, Washington, DC 20201.....	HE 23.1102:Ex 7/3
Health Care Delivery and Assistance Bureau, Rockville, MD 20857.....	HE 20.5119/3:984, HE 20.9108:C 43
Health Care Financing Administration, Washington, DC 20201.....	HE 22.25:984
Health and Human Services Department, Washington, DC 20201.....	HE 1.2:C 73/4/984
Health Professions Bureau, Rockville, MD 20857.....	HE 20.9302:N 93/3
Health Resources Administration, Hyattsville, MD 20782.....	HE 20.6002:D 26
Health Resources and Services Administration, Rockville, MD 20857.....	HE 20.9002:Em 7
Housing and Urban Development Department, Washington, DC 20410.....	HH 1.1/2:984-1
Immigration and Naturalization Service, Washington, DC 20536.....	J 21.2:B 64/2
Industrial Economics, Bureau of, Washington, DC 20230.....	C 62.17:985
Interior Department, Washington, DC 20240.....	I 1.1/6:986
Internal Revenue Service, Washington, DC 20224.....	T 22.2:F 76/6/985
International Joint Commission, Washington, DC 20440.....	Y 3.In 8/28:2 G 79/3
International Trade Administration, Washington, DC 20230.....	C 61.2:So 2/2
Joint Chiefs of Staff, Washington, DC 20301.....	D 5.12:15
Justice Department, Washington, DC 20530.....	J 1.2:B 86/3
Justice Statistics Bureau, Washington, DC 20531.....	J 29.9:NCJ-90307
Labor Department, Washington, DC 20210.....	L 1.2:H 62/3
Labor Statistics Bureau, Washington, DC 20210.....	L 2.2:2216
Land Management Bureau, Washington, DC 20240.....	I 53.2:Es 5
Law Enforcement Assistance Administration, Washington, DC 20531.....	J 26.2:F 77 d
Library of Congress, Washington, DC 20540.....	LC 1.12/2:M 82/2, LC 6.2:G 74/984
Management and Budget Office, Washington, DC 20503.....	PrEx 2.2:F 49/3
Maritime Administration, Commerce Dept., Washington, DC 20230.....	C 39.226:5
Maritime Administration, Transportation Dept., Washington, DC 20590.....	TD 11.8:M 69/exec.sum.
Materials Transportation Bureau, Washington, DC 20590.....	TD 9.8:R 11/3
Medicine and Surgery Bureau (Navy), Washington, DC 20350.....	D 206.10:993
Merit Systems Protection Board, Washington, DC 20003.....	MS 1.2:R 64
Military History Center (Army), Washington, DC 20314.....	D 114.7/3:Ad 9/941-60
Mines Bureau, Washington, DC 20241.....	I 28.2:EI 2
Motor Carrier Safety Bureau, Washington, DC 20590.....	TD 2.302:H 19
National Aeronautics and Space Administration, Washington, DC.....	NAS 1.2:D 24
National Archives and Records Service, Washington, DC 20408.....	GS 4.2:M 85
National Bureau of Standards, Washington, DC 20234.....	C 13.2:W 92/2
National Cancer Institute, Bethesda, MD 20014.....	HE 20.3152:C 17/979-80/ind.
National Center for Devices and Radiological Health, Rockville, MD 20857.....	HE 20.4615:N 88
National Center for Education Statistics, Hyattsville, MD 20782.....	ED 1.115:H 53/5
National Center for Health Services Research, Rockville, MD 20852.....	HE 20.6512:In 5
National Center for Health Statistics, Hyattsville, MD 20782.....	HE 20.6209/3:102
National Commission for Employment Policy, Washington, DC 20005.....	Y 3.Em 7/3:8 OI 1
National Endowment for the Arts, Washington, DC 20506.....	NF 2.8:D 46/986
National Endowment for the Humanities, Washington, DC 20506.....	NF 3.8:M 46/3
National Environmental Satellite, Data, and Information Service, Washington, DC 20235.....	C 55.220:89
National Guard Bureau, Washington, DC 20310.....	D 12.12:84-107
National Highway Traffic Safety Administration, Washington, DC 20590.....	TD 8.2:AI 7/12/phase 3
National Institute of Allergy and Infectious Diseases, Bethesda, MD 20014.....	HE 20.3252:In 8/2
National Institute of Arthritis, Diabetes, and Digestive Kidney Diseases, Bethesda, MD 20014.....	HE 20.3320.Ar 7/984
National Institute of Child Health and Human Development, Bethesda, MD 20014.....	HE 20.3362/3:P 94/4/985
National Institute of Environmental Health Sciences, Research Triangle Park, NC 27709.....	HE 20.3552:Ex 8
National Institute of General Medical Sciences, Bethesda MD 20014.....	HE 20.3461:984
National Institute of Justice, Washington, DC 20004.....	J 28.2:F 49
National Institute of Mental Health, Rockville, MD 20857.....	HE 20.8102: Ad 7/2
National Institute of Neurological and Communicative Disorders and Stroke, Bethesda, MD 20014.....	HE 20.3508:G 94
National Institute on Alcohol Abuse and Alcoholism, Rockville, MD 20857.....	HE 20.8316:981-82
National Institute on Drug Abuse, Rockville, MD 20857.....	HE 20.8202:M 33/984
National Institute on Education, Washington, DC 20208.....	ED 1.310/2:237340

## Beginning class

National Institutes of Health, Bethesda, MD 20014.....	HE 20.3002:C 46
National Labor Relations Board, Washington, DC 20570.....	LR 1.8:268
National Library of Medicine, Bethesda, MD 20014.....	HE 20.3621:L 61
National Marine Fisheries Services, Washington, DC 20230.....	C 55.309/2:8307
National Ocean Service, Rockville, MD 20852.....	C 55.420/2:983
National Oceanic and Atmospheric Administration, Rockville, MD 20852.....	C 55.12:P 13-984
National Park Service, Washington, DC 20242.....	I 29.2:Eb 3
National Science Foundation, Washington, DC 20550.....	NS 1.2:M 91
National Technical Information Service, Springfield, VA 22161.....	C 51.11:N 47
National Telecommunications and Information Administration, Washington, DC 20230.....	C 60.8:R 11/983/rev. pages 3
National Transportation Safety Board, Washington, DC 20594.....	TD 1.112:84/14
National Weather Service, Silver Spring, MD 20910.....	C 55.108:H 92/2/v.1
Naval Education and Training Command, Pensacola, FL 32508.....	D 207.208:C 93
Naval Facilities Engineering Command, Washington DC 20360.....	D 209.2:En 3/3
Naval Military Personnel Command, Washington, DC 20370.....	D 208.6/3:C 73/6
Naval Observatory, Washington, DC 20350.....	D 213.7:985-2
Naval Research Office, Arlington, VA 22217.....	D 210.8/2:5084
Naval Sea Systems Command, Washington, DC 20360.....	D 211.2:C 18/Coop/985
Navy Department, Washington, DC 20350.....	D 201.2:El 2/3/mod.4.0/v.2
Nuclear Regulatory Commission, Washington, DC 20555.....	Y 3.N 88:10/0383/v.1/rev.7
Patent and Trademark Office, Washington, DC 20231.....	C 21.1/2:983
Peace Corps, Washington, DC 20525.....	PE 1.2:B 96/984
Personnel Management Office, Washington, DC 20415.....	PM 1.2:N 63
Pesticides and Toxic Substances Office, Washington, DC 20460.....	EP 5.2:W 85
President of the United States, Washington, DC 20500.....	Pr 40.8:Ad 9/P 94
Public Health Service, Washington, DC 20201.....	HE 20.13:37/2
Radiation Programs Office, Rockville, MD 20852.....	EP 6.2:R 11/19/v.1-2
Reclamation Bureau, Washington, DC 20240.....	I 27.2:P 12
Research and Special Programs Administration, Washington, DC 20590.....	TD 10.6:P 66
Safety Office, Washington, DC 20590.....	TD 3.111:82
Securities and Exchange Commission, Washington, DC 20549.....	SE 1.1:984
Selective Service System, Washington, DC 20435.....	Y 3.Se 4:2 Se 4/5
Small Business Administration, Washington, DC 20416.....	SBA 1.2:An 8
Smithsonian Institution, Washington, DC 20560.....	SI 1.2:G 27
Social Security Administration, Baltimore, MD 21235.....	HE 3.2:Ag 8/984/Norway
Soil Conservation Service, Washington, DC 20250.....	A 57.2:G 29/3
State Department, Washington, DC 20520.....	S 1.1:952-54/v.2/pt.1-2
Statistical Reporting Service, Washington, DC 20250.....	A 92.11/2-2:984
Technology Assessment Office, Washington, DC 20510.....	Y 3.T 22/2:2 B 62
Tennessee Valley Authority, Knoxville, TN 37902.....	Y 3.T 25:1-16/984/v.2
Transportation Department, Washington, DC 20590.....	TD 1.20/8:81-36/2
Treasury Department, Washington, DC 20220.....	T 1.2:G 28/2
United States International Trade Commission, Washington, DC 20436.....	ITC 1.10:985
United States Postal Service, Washington, DC 20260.....	P 1.2:C 73/4
Urban Mass Transportation Administration, Washington, DC 20590.....	TD 7.8:T 68/5
Veterans Administration, Washington, DC 20420.....	VA 1.2:In 3
Water Programs Operations Office, Washington, DC 20460.....	EP 2.2:In 8
Water Regulations and Standards Office, Washington, DC 20460.....	EP 8.8:W 29/984/v.3
Western Area Power Administration, Golden, CO 80401.....	E 6.8:P 69

# MONTHLY CATALOG

JUNE 1985

## AGRICULTURE DEPARTMENT Washington, DC 20250

85-11846

A 1.1:983

United States. Dept. of Agriculture.

Report of the Secretary of Agriculture / United States Department of Agriculture. Washington, D.C. : The Department, Dept. of Agriculture, Office of the Secretary, Washington, D.C. 20250

v. : ill. ; 24-28 cm.

Annual

Began with 1889. Title from cover. 1983. Description based on: 1980. Indices: Index to the Annual report ... 1837 to 1893, inclusive; a General index to the agricultural reports of the Patent Office for twenty-five years ... and of the Dept. of Agriculture, for fifteen years, from 1862-1876. . . ; supplement to the General index ... for the years 1877 to 1885, inclusive. Reports for 1894-1936 appear also in: United States. Dept. of Agriculture. Yearbook of agriculture; 1894-1923 also in: United States. Dept. of Agriculture. Annual report of the Department of Agriculture. ●Item 6 ISSN 0082-9803 Continues: United States. Dept. of Agriculture. Report of the Commissioner of Agriculture 1862-88

1. Agriculture—United States—Periodicals. I. Title. S21.A ag-r31001035 OCLC 01483840

85-11847

A 1.1/3:982

United States. Dept. of Agriculture. Office of the Inspector General.

Semiannual report / Office of Inspector General. [Washington, D.C.] : The Office, Dept. of Agriculture, Office of the Secretary, Washington, D.C. 20250

v. : 28 cm.

Semiannual Apr. 1, 1982-Sept. 30, 1982. Description based on: Apr. 1, 1982-Sept. 30, 1982; title from cover. ●Item 6-G ISSN 0740-168X

1. United States. Dept. of Agriculture 2. United States. Dept. of Agriculture. Office of the Inspector General—Periodicals. Key Title: Semiannual report - United States. Dept. of Agriculture. Office of the Inspector General I. Title. HD1751.U54b 83-645569 353.81  2 19 OCLC 09873465

85-11848

A 1.2:Sci 1/15

Science and policy issues : a report of citizen concerns and recommendations for American agricultural research. — Washington, D.C. : National Agricultural Research and Extension Users Advisory Board, [1984]

viii, 67 p. : col. ill. ; 22 cm. "July 1984"—P. iii. ●Item 10

1. Agriculture—Research—Government policy—United States. 2. Agriculture and state—United States. I. United States. National Agricultural Research and Extension Users Advisory Board. OCLC 11597798

85-11849

A 1.34:706

Amols, George.

Agricultural finance statistics, 1960-83 / George Amols, Wilson Kaiser. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service : Supt. of Docs., U.S. G.P.O. [distributor, 1984]

ii, 53 p. ; 28 cm. — (Statistical bulletin ; no. 706) Cover title. Distributed to depository libraries in microfiche. "April 1984"—P. i. ●Item 15 (microfiche) S/N 001-019-00336-7 @ GPO \$2.25

1. Agriculture—Finance—United States—Statistics. I. Kaiser, Wilson. II. United States. Dept. of Agriculture. Economic Research Service. III. Title. IV. Series: Statistical bulletin (United States. Dept. of Agriculture) ; no. 706. OCLC 11018650

85-11850

A 1.34:711

Federal milk order market statistics. Annual summary / United States Department of Agriculture, Agricultural Marketing Service. Washington, D.C. : The Service, U.S. Dept. of Agriculture, Agricultural Marketing Service, Washington, D.C. 20250

v. : map ; 26-28 cm. (Statistical bulletin ; no. 711)

Annual

Began with 1962. Title from cover. 1983. Description based on: 1980. Vols. for (1982-) distributed to depository libraries in microfiche. ●Item 15 (microfiche) ISSN 0501-4670 Continues: Federal milk order market statistics. Supplement Related records: Federal milk order market statistics ISSN 0501-4670

1. Milk trade—United States—Statistics—Periodicals. I. United States. Agricultural Marketing Service. Key Title: Federal milk order market statistics II. Series: Statistical bulletin (United States. Dept. of Agriculture) ; no. 711. HD1751.A5 subser 75-648669 //r812 [HD9282.U3A28] 338.1/0973 s [381/.41/710973] OCLC 02244484

85-11851

A 1.34:712

Citrus fruits. Revised estimates, by states. [Washington, D.C.] : U.S. Dept. of Agriculture, Economics and Statistics Service, Crop Reporting Board, U.S. Dept. of Agriculture, Statistical Reporting Service, Crop Reporting Board, Washington, D.C. 20250

(Statistical bulletin ; no. 712) Title from cover. 1977-78 through 1981-82. Description based on: 1974-75 through 1977-78. Vols. for (1977-78 through 1981-82-) distributed to depository libraries in microfiche. ●Item 15 (microfiche)

1. Citrus fruits—United States—Statistics—Periodicals. I. United States. Crop Reporting Board. II. Series: Statistical bulletin (United States. Dept. of Agriculture) ; no. 712. OCLC 09135085

## Agriculture Department

85-11852

A 1.34:713

Food consumption, prices, and expenditures / United States Department of Agriculture, Economic Research Service. Washington, D.C. : The Service : Supt. of Docs., U.S. G.P.O., [distributor] ; Springfield, Va. : National Technical Information Service, [distributor], Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402 National Technical Information Service, Identification Section, 5285 Port Royal Road, Springfield, Va. 22161

v. ; 28 cm. (Statistical bulletin ; no. 713)

Annual

\$4.50 Title from cover. 1963-83. Description based on : 1963-83. Vols. for (1963-83-) distributed to depository libraries in microfiche. ●Item 15 (microfiche) S/N 001-019-00370-7

1. Food consumption—United States—Statistics—Periodicals. 2. Food prices—United States—Statistics—Periodicals. 3. Food industry and trade—United States—Statistics—Periodicals. I. United States. Dept. of Agriculture. Economic Research Service. II. Series: Statistical bulletin (United States. Dept. of Agriculture) ; no. 713. OCLC 11607596

85-11853

A 1.36:1691

Wistrand, Glen L.

Furrow dike water conservation practices in the Texas High Plains / Glen L. Wistrand. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service ; [Supt. of Docs., U.S. G.P.O., distributor], 1984.

v. 21 p. : ill. ; 28 cm. — (Technical bulletin ; no. 1691) Distributed to depository libraries in microfiche. "In cooperation with the Soil Conservation Service." Bibliography: p. 21. ●Item 16 (microfiche) S/N 001-019-00345-6 @ GPO \$1.50

1. Dikes (Engineering)—Texas. 2. Irrigation, Furrow—Texas. I. United States. Soil Conservation Service. II. United States. Dept. of Agriculture. Economic Research Service. III. Title. IV. Series: Technical bulletin (United States. Dept. of Agriculture) ; no. 1691. OCLC 11691196

85-11854

A 1.38:1063/10

Fact book of U.S. agriculture. Washington, D.C. : Office of Information, U.S. Dept. of Agriculture, U.S. Dept. of Agriculture, Office of Governmental and Public Affairs, Washington, D.C. 20250

v. ; 22-26 cm. (Miscellaneous publication / United States Department of Agriculture ; 1063)

Annual No longer for sale by the Supt. of Docs. 1984. Description based on: 1962. ●Item 13-A S/N 001-000-04383-8 ISSN 0501-9273

1. Agriculture—United States—Periodicals. 2. Agriculture—Economic aspects—United States—Periodicals. I. United States. Dept. of Agriculture. Office of Information. II. United States. Dept. of Agriculture. Office of Communication. III. United States. Dept. of Agriculture. Office of Governmental and Public Affairs. IV. Series: Miscellaneous publication (United States. Dept. of Agriculture) ; no. 1063. S441.F74 63-061826 //r852 [S21.A46] 338.1/0973  2 19 OCLC 05977371

85-11855

A 1.38:1419/3/supp.

List of proprietary substances and nonfood compounds authorized for use under USDA inspection and grading programs / United States Department of Agriculture, Food Safety and Inspection Service. Washington, D.C. : The Service : For sale by the Supt. of Docs., U.S. G.P.O., 1982- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm. (Miscellaneous publication ; no. 1419)

Annual

\$1.50

Jan. 1, 1982- Title from cover. July 1, 1984. Update issued once between each annual edition. Vols. for (1983-) distributed to depository libraries in microfiche. ●Item 13-A (microfiche) S/N 001-000-04428-1 ISSN 0748-3082 Continues: List of chemical compounds authorized for use under USDA inspection and grading programs

1. Food adulteration and inspection—United States—Periodicals. 2. Meat industry and trade—United States—Equipment and supplies—Periodicals. 3. Egg products industry—United States—Equipment and supplies—Periodicals. I. United States. Food Safety and Inspection Service. II. Series: Miscellaneous publication (United States. Dept. of Agriculture) ; no. 1419. S21.A46 subser 84-645474 [TP12] 630 s [664/.01/05  2 19] OCLC 08725108

85-11856

A 1.38:1436

Spruce budworms situation in North America, 1982. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service ; [Ottawa, Ont.?] : Environment Canada, Canadian Forestry Service, [1983]

23 p. : 2 maps ; 22 cm. — (Miscellaneous publication ; 1436) Distributed to depository libraries in microfiche. "July 1983"—T.p. verso. ●Item 13-A (microfiche)

1. Spruce budworm—North America. I. United States. Forest Service. II. Series: Miscellaneous publication (United States. Dept. of Agriculture) ; no. 1436. OCLC 11691191

85-11857

A 1.68:1352

Assistance available from the Soil Conservation Service. — [Beltsville, Md.?] : U.S. Dept. of Agriculture, Soil Conservation Service, [1984]

30 p. : ill. ; 23 x 10 cm. — (Program aid ; no. 1352) "Supersedes Agriculture Information Bulletin no. 345 with the same title, revised December 1980"—P. 2. "Issued December 1984"—P. 2. ●Item 14-A

1. United States. Soil Conservation Service. 2. Technical assistance—United States. I. United States. Soil Conservation Service. II. Series: Program aid (United States. Dept. of Agriculture) ; no. 1352. OCLC 11766084

85-11858

A 1.68:1354

Small watershed projects. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Soil Conservation Service, [1984]

1 folded sheet (6) p. : col. ill. ; 23 x 10 cm. — (Program aid ; no. 1354) "September 1984"—P. [6] ●Item 14-A

1. Watersheds—United States—Environmental aspects. 2. Watershed management—United States. I. United States. Soil Conservation Service. II. Series: Program aid (United States. Dept. of Agriculture) ; no. 1354. OCLC 11732530

85-11859

A 1.68:1358

'Golden' chinquapin. — [Washington, D.C.]: U.S. Dept. of Agriculture, Soil Conservation Service, [1984]

1 folded sheet (6 p.): col. ill., 1 col. map; 23 x 10 cm. — (Program aid; no. 1358) "September 1984"—P. [5] ●Item 14-A

1. Nut trees—United States. I. United States. Soil Conservation Service. II. Series: Program aid (United States. Dept. of Agriculture); no. 1358. OCLC 11737485

85-11860

A 1.75:467

Wheat: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 42 p.: ill.; 28 cm. — (Agriculture information bulletin; no. 467) "September 1984"—P. iii. Bibliography: p. 31. ●Item 4

1. Wheat trade—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11674135

85-11861

A 1.75:468

Tobacco: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 40 p.: 28 cm. — (Agriculture information bulletin; no. 468) "September 1984"—P. iii. Bibliography: p. 31. ●Item 4

1. Tobacco industry—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11674125

85-11862

A 1.75:469

Peanuts: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 28 p.: 1 map; 28 cm. — (Agriculture information bulletin; no. 469) "September 1984"—P. iii. Bibliography: p. 19. ●Item 4

1. Peanut industry—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11674113

85-11863

A 1.75:470

Rice: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 46 p.: ill.; 28 cm. — (Agriculture information bulletin; no. 470) "September 1984"—P. iii. Bibliography: p. 33. ●Item 4

1. Rice trade—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11674159

85-11864

A 1.75:471

Corn: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 51 p.: ill.; 28 cm. — (Agriculture information bulletin; no. 471) "September 1984"—P. iii. Bibliography: p. 40-41. ●Item 4

1. Corn industry—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11674150

85-11865

A 1.75:472

Soybeans: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 34 p.: ill.; 28 cm. — (Agriculture information bulletin; no. 472) "September 1984"—P. iii. Bibliography: p. 21. ●Item 4

1. Soybean industry—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11686552

85-11866

A 1.75:473

Oats: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 30 p.: ill., 1 map; 28 cm. — (Agriculture information bulletin; no. 473) "September 1984"—P. iii. Bibliography: p. 20. ●Item 4

1. Oats. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11686456

85-11867

A 1.75:474

Dairy: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 41 p.: ill., 1 map; 28 cm. — (Agriculture information bulletin; no. 474) "September 1984"—P. iii. Bibliography: p. 29-31. ●Item 4

1. Dairying—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11686431

85-11868

A 1.75:475

Sorghum: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iii, 48 p.: ill.; 28 cm. — (Agriculture information bulletin; no. 475) "September 1984"—P. iii. Bibliography: p. 39. ●Item 4

1. Sorghum industry—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11686675

85-11869

A 1.75:476

Cotton: background for 1985 farm legislation. — [Washington, D.C.]: U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 46 p.: ill., 1 map; 28 cm. — (Agriculture information bulletin; no. 476) "September 1984"—P. iii. Bibliography: p. 34-36. ●Item 4

1. Cotton trade—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11686686

## Agriculture Department

85-11870

A 1.75:477

Barley : background for 1985 farm legislation. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 40 p. : ill. ; 28 cm. — (Agriculture information bulletin ; no. 477) "September 1984"—P. iii. Bibliography: p. 30.

●Item 4

1. Barley industry—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11686530

85-11871

A 1.75:478

Sugar : background for 1985 farm legislation. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 54 p. : ill. ; 28 cm. — (Agriculture information bulletin ; no. 478) "September 1984"—P. iii. Bibliography: p. 43-44.

●Item 4

1. Sugar trade—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11686595

85-11872

A 1.75:482

Lewis, Douglas, 1938-

Improving U.S. farmland / Douglas Lewis, Thomas McDonald. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, [1984]

11 p. : ill. ; 28 cm. — (Agriculture information bulletin ; no. 482) Caption title. "November 1984." Includes bibliographies. ●Item 4

1. Farms—United States. I. McDonald, Thomas, 1949-II. United States. Dept. of Agriculture. Economic Research Service. III. Title. IV. Series. OCLC 11732537

85-11873

A 1.75:483

Federal credit programs for agriculture : background for 1985 farm legislation. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, [1984]

iv, 35 p. : ill. ; 28 cm. — (Agriculture information bulletin ; no. 483) "November 1984"—P. iii. Bibliography: p. 33-35.

●Item 4

1. Agricultural credit—United States. 2. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11674095

85-11874

A 1.75:485

History of agricultural price-support and adjustment programs, 1933-84 : background for 1985 farm legislation. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, [1984]

vi, 52 p. : ill. ; 28 cm. — (Agriculture information bulletin ; no. 485) "December 1984"—P. iii. Includes index. ●Item 4

1. Agricultural price supports—United States. I. United States. Dept. of Agriculture. Economic Research Service. II. Series. OCLC 11691180

Page 4

85-11875

A 1.76:305/984-85

Directory of professional workers in state agricultural experiment stations and other cooperating state institutions. Washington, D.C. : U.S. Dept. of Agriculture, Science and Education Administration, Cooperative Research : For sale by the Supt. of Docs., U.S. G.P.O., 1981- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : map ; 28 cm. (1980-81- : Agricultural handbook ; no. 305) ((1982-83-) : Agriculture handbook ; no. 305)

Annual

\$6.50

1980-81- Spine title: Professional workers in state agricultural experiment stations and other cooperating state institutions 1984-85. ●Item 3 S/N 001-000-04433-8 ISSN 0732-8524 Continues: Directory, professional workers in state agricultural experiment stations and other cooperating state institutions ISSN 0732-8524

1. Agricultural experiment stations—United States—Officials and employees—Directories. 2. Agriculture teachers—United States—Directories. I. United States. Cooperative State Research Service. II. United States. Science and Education Administration. Cooperative Research. III. Series: Agriculture handbook (United States. Dept. of Agriculture) ; no. 305. PAR 85-641585 OCLC 07537305

85-11876

A 1.76:628

Usual planting and harvesting dates for U.S. field crops. — Washington, D.C. : U.S. Dept. of Agriculture, Statistical Reporting Service : The Supt. of Docs., U.S. G.P.O. [distributor], 1984.

i, 77 p. : maps ; 28 cm. — (Agriculture handbook ; no. 628)

Cover title. "April 1984"—P. i. "Supersedes Agriculture Handbook No. 283, Usual planting and harvesting dates, by states, in principal producing areas, revised August 1972"—P. i. ●Item 3 S/N 001-000-04416-8 @ GPO \$3.00

1. Field crops—United States—Statistics. 2. Planting time—United States—Statistics. 3. Harvesting time—United States—Statistics. I. United States. Dept. of Agriculture. Statistical Reporting Service. II. Series: Agriculture handbook (United States. Dept. of Agriculture) ; no. 628. OCLC 10989253

85-11877

A 1.82:1140

Improved food distribution facilities for central North Carolina. — Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Marketing Service, [1984]

68 p. : ill., 2 maps ; 28 cm. — (Marketing research report ; no. 1140) Cover title. Distributed to depository libraries in microfiche. "November 1984"—T.p. verso. Includes bibliographical references. ●Item 13-B (microfiche)

1. Marketplaces—North Carolina. 2. Food industry and trade—North Carolina. I. United States. Agricultural Marketing Service. II. Series. OCLC 11736846

85-11878

A 1.119:980

A 1.119:981

Food for peace, annual report on Public Law 480. [Washington, D.C. : Dept. of Agriculture, Office of the Secretary, Dept. of Agriculture, Office of the Secretary, Washington, D.C. 20250

v. : 27 cm.

Annual Cover title: Annual report on Public Law 480 (1976/77)-1977/78 Other title: Annual report on activities carried out under Public Law 480 (1976/77-) Title from

cover. 1980; 1981. Description based on: 1979. Vols. for (1980-) distributed to depository libraries in microfiche. ●Item 24-T (microfiche) ISSN 0196-3201

1. Food relief—Periodicals. 2. Food relief—Law and legislation—United States—Periodicals. I. United States. Dept. of Agriculture. Office of the Secretary. HV696.F6U6148a 79-644785 //r82 363.8/8/05 OCLC 04771809

# **FOREST SERVICE** **Agriculture Dept.** **Washington, DC 20250**

85-11879

A 13.2:Ae 8/4

Ciesla, William M.

Panoramic aerial photography for assessing foliage protection achieved by aerial sprays directed against the gypsy moth. — Fort Collins, Colo. : U.S. Dept. of Agriculture, Forest Service, Forest Pest Management, Methods Application Group, 1983.

14 p. : ill., maps ; 28 cm. — (Report ; no. 83-4) Distributed to depository libraries in microfiche. "September 1983"—P. [1] Bibliography: p. 14. ●Item 84

1. Aerial photography in forestry. 2. Gypsy moth—Diseases and pests. 3. Defoliation. I. United States. Forest Pest Management. Methods Application Group. II. Title. III. Series: Report (United States. Forest Pest Management. Methods Application Group) ; 83-4. OCLC 11729650

85-11880

A 13.2:Ap 1

Soils and vegetation of the Apalachicola National Forest. — [Washington, D.C.] : U.S. Dept. of Agriculture, Forest Service, Southern Region, 1984.

viii, 165 p. : ill., maps ; 28 cm. Cover title: National forests in Florida, Soils and vegetation of the Apalachicola National Forest. "August 1984." Bibliography: p. 164. ●Item 84

1. Forest soils—Florida—Apalachicola National Forest. 2. Forest flora—Florida—Apalachicola National Forest. 3. Apalachicola National Forest (Fla.) I. United States. Forest Service. Southern Region. II. Title: National forests in Florida, soils and vegetation of the Apalachicola National Forest. OCLC 11674194

85-11881

A 13.13:W 15/11

Campground information : Wallowa-Whitman National Forest. — [Portland, Or.?] : Pacific Northwest Region, USDA Forest Service, 1984.

1 sheet : ill., maps ; 22 x 37 cm. folded into 22 x 10 cm. "R6-WW-032-1984." ●Item 85

1. Camp sites, facilities, etc. — Oregon — Wallowa National Forest. 2. Camp sites, facilities, etc. — Oregon — Whitman National Forest. 3. Forest reserves — Oregon — Wallowa National Forest. 4. Forest reserves — Oregon — Whitman National Forest. 5. Wallowa National Forest (Or.) 6. Whitman National Forest (Or.) I. United States. Forest Service. Pacific Northwest Region. II. Title: Wallowa-Whitman National Forest. OCLC 11736860

85-11882

A 13.13:W 36/4

Campground information : Wayne-Hoosier National Forest Campgrounds. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, 1984.

[4] p. : 23 x 10 cm. "Wayne-Hoosier National Forest." ●Item 85

1. Camp sites, facilities, etc. — Ohio — Wayne National Forest. 2. Camp sites, facilities, etc. — Indiana — Hoosier

National Forest. 3. Wayne National Forest (Ohio) 4. Hoosier National Forest (Ind.) I. United States. Forest Service. II. Title: Wayne-Hoosier National Forest Campgrounds. OCLC 11736962

85-11883

A 13.28:C 72/2

United States. Forest Service. Pacific Northwest Region.

Colville National Forest firewood map. Scale [1:175,000] (W 118°52'30"—W 117°00'00"/N 49°00'00"—N 48°07'30"). — [Colville, WA] : Pacific Northwest Region, USDA. Forest Service, 1984.

1 map : col. ; 60 x 87 cm. folded to 23 x 11 cm. Relief shown by hachures and spot heights. Panel title: Firewood Colville National Forest. "Willamette Meridian, Boise Meridian." Text and ill. on verso. ●Item 80-G

1. Fuelwood — Washington (State) 2. Fuelwood cutting — Washington (State) 3. Colville National Forest (Wash.) — Maps. I. Title. II. Title: Firewood, Colville National Forest. OCLC 11693069

85-11884

A 13.28:G 36/7

United States. Forest Service. Pacific Northwest Region.

Gifford Pinchot National Forest, Washington, 1984 / compiled at the USDA, Forest Service, Pacific Northwest Regional Office, Portland, Oregon. Rev. at the Geometronics Service Center, 1980, supplemental base and recreation data added in 1984. Scale [ca. 1:126,720]. 1/2" = 1 mi. ; polyconic proj. (W 122°37'30"—W 121°22'30"/N 46°45'00"—N 45°37'30") — Portland, Or. : The Office, 1984.

1 map : col. ; 118 x 88 cm. folded to 23 x 11 cm. "Forest Service map." Relief shown by hachures and spot heights. "Visitor map." "Willamette Meridian." Includes key map. On verso: Text, col. ill., map showing national forest recreation opportunities, and table of recreation site information. ●Item 80-G

1. Gifford Pinchot National Forest (Wash.) — Maps. I. Geometronics Service Center (U.S.) II. Title. OCLC 11751377

85-11885

A 13.28:M 75/3

United States. Forest Service.

Dolly Sods Wilderness and Scenic Area, Monongahela National Forest, West Virginia / U.S. Department of Agriculture, Forest Service. Scale [1:95,000] — [Washington, D.C.? : U.S. Dept. of Agriculture, Forest Service], 1984.

1 map : col. ; 23 x 40 cm., folded to 23 x 10 cm. Panel title: Dolly Sods Wilderness and Scenic Area. Text and ill. on verso. ●Item 80-G

1. Monongahela National Forest (W. Va.) — Maps. I. Title. OCLC 11691240

85-11886

A 13.28:N 21/15

United States. Forest Service. Northern Region.

National Forests, Northern Region, 1981 / U.S. Department of Agriculture, Forest Service. Rev. 82. Scale [ca. 1:345,000] (W 117°10"—W 102°/N 49°—N 44°). — Missoula, MT : The Service, 1983.

1 map : col. ; 23 x 50 cm. Insets: Cheyenne National Grassland, North Dakota, and map of Forest Service regions. Cover title: Northern Region National Forests and Grasslands, Outdoor Recreation Guide. Includes list of national forests, text, and col. ill. On verso: recreational text and ill. "R1 72-031, Rev. 82." ●Item 80-G

1. United States. Forest Service. Northern Region 2. Outdoor recreation — Northwestern States — Maps. I. Title.

## Forest Service — Agriculture Dept.

II. Title: Northern Region National Forests and Grasslands, Outdoor Recreation Guide. OCLC 10903887

85-11887

A 13.28:Um 1/3

United States. Forest Service. Pacific Northwest Region.

Umatilla National Forest, Oregon and Washington, 1976 / U.S. Department of Agriculture, Forest Service ; compiled at Regional Office, Portland, Oregon. Rev. 1977 at Geometronics Service Center. Scale [ca. 1:170,000] ; polyconic proj. (W 119°52'30"—W 117°07'30"/N 46°15'00"—N 44°45'00"). — Portland, Or. : The Office, 1984.

1 map : both sides, col. ; 109 x 130 cm., on sheet 71 x 78 cm. Relief shown by hachures and spot heights. "Public notice effective until June 1, 1986 or until otherwise extended or rescinded, Umatilla National Forest travel plan." "Boise and Willamette meridians." Includes key map and index to Geological Survey topographic maps. ●Item 80-G

I. Umatilla National Forest (Or. and Wash.) — Maps. I. Geometronics Service Center (U.S.) II. Title. III. Title: Umatilla National Forest travel plan. OCLC 11752049

85-11888

A 13.32/4:22

Forest fire news / Fire Management Study Group, North American Forestry Commission. Washington, D.C. : The Group, Director of Forest Fire and Atmospheric Sciences Research, Forest Service, U.S. Dept. of Agriculture, P.O. Box 2417, Washington, D.C. 20013

v. : ill. ; 26 cm.

Semiannual

Began in 1973. No. 22, July 1984. Description based on: Dec. 1976; title from cover. Bibliography of agriculture ISSN 0006-1530 Numbering began with no. 15, Jan. 1981. ●Item 82-D-09

1. Forest fires — Prevention and control — Periodicals. I. United States. Dept. of Agriculture. II. North American Forestry Commission. Fire Management Study Group. sn-83011248 OCLC 02771582

85-11889

A 13.36/2:Ap 4

A Guide to the Forest Service Appeal Regulation (36 CFR 211.18). — [Washington, D.C.?] : U.S. Dept. of Agriculture, Forest Service, [1984]

14 p. : ill. ; 22 cm. "FS-388." "August 1984"—P. 14. ●Item 86-C

1. United States. Forest Service. 2. Administrative remedies — United States. 3. Appellate procedure — United States. I. United States. Forest Service. OCLC 11691174

85-11890

A 13.52/18/3

Hawthorn, Frank G., 1926-

Lodgepole pine dwarf mistletoe / Frank G. Hawthorn and Oscar J. Dooling. — Rev. Oct. 1984. — [Beltsville, Md.?] : U.S. Dept. of Agriculture, Forest Service, [1984?]

11 p. : ill. (some col.) ; 24 cm. — (Forest insect & disease leaflet ; 18) Bibliography: p. 11. ●Item 82-A

1. Lodge-pole pine — Diseases and pests. 2. Dwarf mistletoe. I. Dooling, Oscar J. II. United States. Forest Service. III. Title. IV. Series. OCLC 11765882

85-11891

A 13.63/13:984

Southeastern Forest Experiment Station (Asheville, N.C.)

Forest research in the Southeast : recent publications of the Southeastern Forest Experiment Station / U.S. Department of Agriculture-Forest Service, Southeastern Forest Experiment Station. Asheville, N.C. : The Station, U.S. Dept. of Agriculture, Forest Service, Southeastern Forest Experiment Station, 200 Weaver Blvd., Asheville, N.C. 28802

v. : 23 cm.

Semiannual

Began in 1976. Title from cover. July 1984. Description based on: May 1980. Bibliography of agriculture ISSN 0006-1530 ●Item 82-D-4 ISSN 0748-1586 Continues: Research information digest ISSN 0160-1717

1. Forests and forestry — United States — Bibliography — Periodicals. I. Title. sn-84006318 634  2 11 OCLC 02902330

85-11892

A 13.78:FPL-448

Patton-Mallory, Marcia.

Racking performance of light-frame walls sheathed on two sides / Marcia Patton-Mallory, Richard M. Gutkowski, Lawrence A. Soltis. — Madison, WI : U.S. Dept. of Agriculture, Forest Service, Forest Products Laboratory, [1984]

16 p. : ill. ; 28 cm. — (Research paper FPL ; 448) Distributed to depository libraries in microfiche. "September 1984"—T.p. verso. Bibliography: p. 14. ●Item 83-B (microfiche)

1. Shear (Mechanics) 2. Walls. I. Gutkowski, Richard M. II. Soltis, Lawrence A. III. Forest Products Laboratory (U.S.) IV. Title. V. Series. OCLC 11415335

85-11893

A 13.78:FPL-449

McCutcheon, W. J. (William J.)

Deflections of uniformly loaded floors : a beam-spring analog / by William J. McCutcheon. — Madison, WI : U.S. Dept. of Agriculture, Forest Service, Forest Products Laboratory, 1984.

15 p. : ill. ; 28 cm. — (Research paper FPL ; 449) Cover title. Distributed to depository libraries in microfiche. "September 1984"—P. 2 of cover. Bibliography: p. 9. ●Item 83-B (microfiche)

1. Wooden beams. I. Forest Products Laboratory (U.S.) II. Title. III. Series. OCLC 11415271

85-11894

A 13.78:INT-319

Crane, M. F. (Marilyn F.)

Early postfire revegetation in a western Montana Douglas-fir forest / M.F. Crane, James R. Habeck, William C. Fischer. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1984.

32 p. : ill., maps ; 28 cm. — (Research paper INT ; 319) Cover title. Distributed to depository libraries in microfiche. "November 1983." Bibliography: p. 23. ●Item 83-B (microfiche)

1. Revegetation — Montana. 2. Reforestation — Montana. 3. Wildfires — Montana. 4. Douglas fir. 5. Forests and forestry — Montana. 6. †Revegetation — Montana. 7. †Reforestation — Montana. 8. †Wildfires — Montana. 9. †Douglas fir. 10. †Forests and forestry — Montana. I. Habeck, James R. (James Robert), 1932- II. Fischer, William C. III. Intermountain Forest and Range Experiment Station (Ogden, Utah) IV. Title. V. Series. OCLC 11052147

85-11895

A 13.78:INT-323

O'Brien, Renee.

Understory vegetation inventory : an efficient procedure / Renee O'Brien, Dwane D. Van Hooser. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, [1983]

6 p. : ill., 1 map ; 28 cm. — (Research paper INT ; 323) Distributed to depository libraries in microfiche. "December 1983." Bibliography: p. 6. ●Item 83-B (microfiche)

1. Plant communities — Rocky Mountains Region. I. Van Hooser, Dwane D. II. Intermountain Forest and Range Experiment Station (Ogden, Utah) III. Title. IV. Series. OCLC 11729657

85-11896

A 13.78:INT-332

Chojnacki, David C.

Volume and biomass for curleaf cercocarpus in Nevada / David C. Chojnacki. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1984.

8 p. : ill. ; 28 cm. — (Research paper INT : 332) Distributed to depository libraries in microfiche. "November 1984." Bibliography: p. 8. ●Item 83-B (microfiche)

1. Mahogany — Measurement. I. Intermountain Forest and Range Experiment Station (Ogden, Utah) II. Title. III. Series. OCLC 11736898

85-11897

A 13.78:NC-246

Lothner, David C.

A new look at red pine financial returns in the Lake States / David C. Lothner and Dennis P. Bradley. — St. Paul, Minn. : U.S. Dept. of Agriculture, Forest Service, North Central Forest Experiment Station, 1984.

3, [1] p. ; 28 cm. — (Research paper NC : 246) Distributed to depository libraries in microfiche. "March 1984." —T.p. verso. Bibliography: p. 3-4] ●Item 83-B (microfiche)

1. Norway pine — Economic aspects — Lake States. I. Bradley, Dennis P. II. North Central Forest Experiment Station (Saint Paul, Minn.) III. Title. IV. Series. OCLC 11724524

85-11898

A 13.78:NC-248

Donoghue, Linda R.

The legal system, the U.S. Forest Service, and human-caused wild fires / Linda R. Donoghue and Donna M. Paananen. — St. Paul, Minn. : U.S. Dept. of Agriculture, Forest Service, North Central Forest Experiment Station, 1984.

57 p. : ill. ; 28 cm. — (Research paper NC : 248) Cover title. Distributed to depository libraries in microfiche. "December 1984." —T.p. verso. Includes bibliographies and index. ●Item 83-B (microfiche)

1. Wildfires — United States. 2. United States. Forest Service. I. North Central Forest Experiment Station (Saint Paul, Minn.) II. Title. III. Series. OCLC 11736917

85-11899

A 13.78:NE-547

Herrick, Owen W.

Rate of value change in Pennsylvania timber stands / Owen W. Herrick. — [Broomall, Pa.] : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1984.

5 p. : ill. ; 28 cm. — (Research paper NE : 547) Distributed to depository libraries in microfiche. Bibliography: p. 5. ●Item 83-B (microfiche)

1. Forests and forestry — Pennsylvania — Valuation. I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 11736971

85-11900

A 13.78:NE-549

Auchmoody, L. R.

Black cherry site index curves for the Allegheny Plateau / L.R. Auchmoody, C.O. Rexrode. — [Broomall, Pa.] : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1984.

5 p. : ill. ; 28 cm. — (Research paper NE : 549) Distributed to depository libraries in microfiche. Bibliography: p. 4. ●Item 83-B (microfiche)

1. Cherry — Pennsylvania. 2. Site index (Forestry) — Pennsylvania. I. Rexrode, Charles O. II. Northeastern Forest Experiment Station (Broomall, Pa.) III. Title. IV. Series. OCLC 11685148

85-11901

A 13.78:NE-550

Miller, Gary W.

Releasing young hardwood crop trees : use of a chain saw costs less than herbicides / Gary W. Miller. — [Broomall, Pa.] : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1984.

5 p. : ill. ; 28 cm. — (Research paper NE : 550) Distributed to depository libraries in microfiche. Bibliography: p. 4. ●Item 83-B (microfiche)

1. Tree felling — Cost effectiveness. 2. Hardwoods. I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 11691170

85-11902

A 13.78:PNW-320

Plank, Marlin E.

Lumber recovery from insect-killed lodgepole pine in the northern Rocky Mountains / Marlin E. Plank. — Portland, Or. : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, [1984]

12 p. : ill. ; 28 cm. — (Research paper PNW : 320) Distributed to depository libraries in microfiche. "July 1984." Bibliography: p. 12. ●Item 83-B (microfiche)

1. Logging — Rocky Mountains. 2. Lodge-pole pine. I. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) II. Title. III. Series. OCLC 11736977

85-11903

A 13.78:PNW-321

Howard, James O., 1915-

Estimators and characteristics of logging residue in Montana / James O. Howard and Carl E. Fiedler. — [Portland, Or.] : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, [1984]

29 p. : ill., 1 map ; 28 cm. — (Research paper PNW : 321) Distributed to depository libraries in microfiche. "July 1983." Bibliography: p. 19. ●Item 83-B (microfiche)

1. Logging — Montana. I. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) II. Title. III. Series. OCLC 11691161

85-11904

A 13.78:RM-251

Kaufmann, Merrill R.

Effects of weather and physiographic conditions on temperature and humidity in subalpine watersheds of the Fraser Experimental Forest / Merrill R. Kaufmann. — Fort Collins, Colo. : U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, 1984.

9 p. : ill., 3 maps ; 28 cm. — (Research paper RM : 251) Distributed to depository libraries in microfiche. "April 1984." Bibliography: p. 9. ●Item 83-B (microfiche)

1. Upper air temperature — Colorado — Fraser Experimental Forest. 2. Humidity — Colorado — Fraser Experimental Forest. 3. Fraser Experimental Forest (Colo.) I. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) II. Title. III. Series. OCLC 11446149

# Forest Service — Agriculture Dept.

85-11905

A 13.78:RM-252

Running, S. W.

Documentation and preliminary validation of H20TRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests / Steven W. Running. — Fort Collins, Colo. : U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, [1984]

45 p. : ill. ; 28 cm. — (Research paper RM ; 252) "April 1984." Bibliography: p. 22-24. ●Item 83-B (microfiche)

1. Plants — Transpiration — Data processing. 2. Forests and forestry — Colorado — Data processing. 3. Forests and forestry — Oregon. 4. †Conifers — Colorado. 5. †Conifers — Oregon. 6. †Plants — Transpiration. 7. †Forests and forestry — Colorado. 8. †Forests and forestry — Oregon. 9. †Hydrologic models. 10. †Computer simulation. I. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) II. Title. III. Series. OCLC 11500490

85-11906

A 13.78:RM-255

Gottfried, Gerald J.

Pocket gopher food habits on two disturbed forest sites in central Arizona / Gerald J. Gottfried and David R. Patton. — Fort Collins, Colo. : U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, 1984.

9 p. : ill. ; 28 cm. — (Research paper RM ; 225) Distributed to depository libraries in microfiche. "August 1984." Bibliography: p. 8-9. ●Item 83-B (microfiche)

1. Pocket gophers — Food. I. Patton, David R. II. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) III. Title. IV. Series. OCLC 11724655

85-11907

A 13.78:SE-245

McClure, Joe P.

Empirical yields of timber and forest biomass in the Southeast / Joe P. McClure, Herbert A. Knight. — Asheville, N.C. : U.S. Dept. of Agriculture, Forest Service, Southeastern Forest Experiment Station, [1984]

75 p. : ill. ; 28 cm. — (Research paper SE ; 245) Cover title. Distributed to depository libraries in microfiche. "June 1984" — P. 2 of cover. Bibliography: p. 6. ●Item 83-B (microfiche)

1. Timber — Southern States — Statistics. 2. Biomass energy — Southern States — Statistics. 3. †Timber — Southern States — Statistics. 4. †Energy crops — Southern States — Statistics. 5. †Forests and forestry — Southern States — Statistics. I. Knight, Herbert A. II. Southeastern Forest Experiment Station (Asheville, N.C.) III. Title. IV. Series. OCLC 11007170

85-11908

A 13.78:SO-196

Thill, R. E.

Deer and cattle forage selection on Louisiana pine-hardwood sites / R.E. Thill. — New Orleans, La. : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1983.

35 p. : 28 cm. — (Research paper SO ; 196) Cover title. Distributed to depository libraries in microfiche. "September, 1983." Bibliography: p. 5. ●Item 83-B (microfiche)

1. Forage. 2. Cattle — Louisiana — Feeding and feeds. 3. Deer — Louisiana — Feeding and feeds. 4. Pine — Louisiana. 5. †Forage. 6. †Cattle — Louisiana — Feeding and feeds. 7. †Deer — Louisiana — Feeding and feeds. 8. †Pine — Louisiana. I. Southern Forest Experiment Station (New Orleans, La.) II. Title. III. Series. OCLC 10474966

85-11909

A 13.78:SO-197

Hickman, Clifford A.

Use valuation of Louisiana's rural lands : short-run fiscal impacts / Clifford A. Hickman and Peter D. Gayer. — New Orleans, La. : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1983.

42 p. : maps ; 28 cm. — (Research paper SO ; 197) Cover title. Distributed to depository libraries in microfiche. "December, 1983." Bibliography: p. 26. ●Item 83-B (microfiche)

1. Land value taxation — Louisiana. I. Gayer, Peter D. II. Southern Forest Experiment Station (New Orleans, La.) III. Title. IV. Series. OCLC 10863314

85-11910

A 13.78:SO-199

Johnson, Mark K.

Microhistological techniques for food habits analyses / Mark K. Johnson, Helen Wofford and Henry A. Pearson. — New Orleans, La. : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1984.

i, 40 p. : ill. ; 28 cm. — (Research paper SO ; 199) Cover title. Distributed to depository libraries in microfiche. "December, 1983." Bibliography: p. 13-14. ●Item 83-B (microfiche)

1. Animals — Food. 2. Herbivora. I. Wofford, Helen. II. Pearson, H. A. (Henry A.) III. Southern Forest Experiment Station (New Orleans, La.) IV. Title. V. Series. OCLC 10863160

85-11911

A 13.78:SO-201

Wisdom, Harold W.

Wood shipments to Puerto Rico / Harold W. Wisdom, James E. Granskog and Keith A. Blatner. — New Orleans, La. : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1984.

i, 11 p. : ill. ; 28 cm. — (Research paper SO ; 201) Distributed to depository libraries in microfiche. "December, 1983." Bibliography: p. 7. ●Item 83-B (microfiche)

1. Wood — Puerto Rico. I. Granskog, James E. II. Blatner, Keith A. III. Southern Forest Experiment Station (New Orleans, La.) IV. Title. V. Series. OCLC 11094376

85-11912

A 13.78:SO-204

Schlaegel, Bryce E.

Sweetgum volume and weight tables / Bryce E. Schlaegel. — New Orleans, La. : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1984.

14 p. : 1 map ; 28 cm. — (Research paper SO ; 204) Distributed to depository libraries in microfiche. "June, 1984." Bibliography: p. 4. ●Item 13-B (microfiche)

1. Forests and forestry — Mensuration. 2. Sweet-gum. I. Southern Forest Experiment Station (New Orleans, La.) II. Title. III. Series. OCLC 11075659

85-11913

A 13.79:INT-344

Hoff, R. J. (Raymond J.)

Short internodes in western white pine / R.J. Hoff, R.J. Steinhoff. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1984.

7 p. : ill. ; 28 cm. — (Research note INT ; 344) Caption title. Distributed to depository libraries in microfiche. "September 1984." ●Item 83-B-4 (microfiche)

I. *Pinus monticola*. I. Intermountain Forest and Range Experiment Station (Ogden, Utah) II. Title. III. Series. OCLC 11736930

85-11914

A 13.79:INT-347

Richardson, Bland Z.

Viability of seed produced on highly sodic coal mine spoils / Bland Z. Richardson, Walter T. McDonough, Eugene E. Farmer. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1984.

4 p. : ill. ; 28 cm. — (Research note INT ; 347) Caption title. Distributed to depository libraries in microfiche. "October 1984." Bibliography: p. 4. ●Item 83-B-4 (microfiche)

1. Seeds — Montana. 2. Viability. I. McDonough, W. T. (Walter T.) II. Farmer, Eugene E. III. Intermountain Forest and Range Experiment Station (Ogden, Utah) IV. Title. V. Series. OCLC 11737001

85-11915

A 13.79:INT-348

Schmitz, Richard F.

A passive aerial barrier trap suitable for sampling flying bark beetles / Richard F. Schmitz. — Ogden, UT : U.S. Dept. of Agriculture, Intermountain Forest and Range Experiment Station, 1984.

8 p. : ill. ; 28 cm. — (Research note INT ; 348) Caption title. Distributed to depository libraries in microfiche. "October 1984." Bibliography: p. 8. ●Item 83-B-4 (microfiche)

1. Dendroctonus. 2. Bark-beetles — Control. I. Intermountain Forest and Range Experiment Station (Ogden, Utah) II. Title. III. Series. OCLC 11724651

85-11916

A 13.79:NC-309

Ek, Alan R.

A simple model for estimating total and merchantable tree heights / Alan R. Ek, Earl T. Birdsall, and Rebecca J. Spears. — St. Paul, MN : North Central Forest Experiment Station, Forest Service, U.S.D.A., 1984.

5 p. : ill. ; 28 cm. — (Research note NC ; 309) Caption title. Distributed to depository libraries in microfiche. Bibliography: p. 4. ●Item 83-B-4 (microfiche)

1. Trees — Minnesota — Growth — Mathematical models. 2. Trees — Michigan — Growth — Mathematical models. 3. Trees — Wisconsin — Growth — Mathematical models. I. Birdsall, Earl T. II. Spears, Rebecca J. III. North Central Forest Experiment Station (Saint Paul, Minn.) IV. Title. V. Series. OCLC 11685089

85-11917

A 13.79:NC-315

Sturos, Joseph B.

Mechanized red pine tree planting operation : a time study / Joseph B. Sturos and Edwin S. Miyata. — St. Paul, MN : North Central Forest Experiment Station, Forest Service-U.S.D.A., 1984.

4 p. : ill., 1 map ; 28 cm. — (Research note NC ; 315) Caption title. Distributed to depository libraries in microfiche. Bibliography: p. 4. ●Item 83-B-4 (microfiche)

1. Tree planting. 2. Norway pine. I. Miyata, Edwin S. II. North Central Forest Experiment Station (Saint Paul, Minn.) III. Title. IV. Series. OCLC 11780462

85-11918

A 13.79:NC-317

Hansen, Edward A.

Weed control for establishing intensively cultured hybrid poplar plantations / Edward Hansen, Daniel Netzer, and W.J. Rietveld. — St. Paul, MN : North Central Forest Experiment Station, Forest Service-U.S.D.A., 1984.

6 p. : 28 cm. — (Research note NC ; 317) Caption title. Distributed to depository libraries in microfiche. Bibliography: p. 5-6. ●Item 83-B-4 (microfiche)

1. Poplar. 2. Weed control. I. Netzer, Daniel. II. Rietveld, W. J. III. North Central Forest Experiment Station (Saint Paul, Minn.) IV. Title. V. Series. OCLC 11737023

85-11919

A 13.79:NC-321

Zavitkovski, J.

Biomass production of 12-year-old intensively cultured *Larix eurolepis* / Jerry Zavitkovski and Terry F. Strong. — St. Paul, MN : North Central Forest Experiment Station, Forest Service, U.S.D.A., 1984.

3 p. : 28 cm. — (Research note NC ; 321) Caption title. Distributed to depository libraries in microfiche. Bibliography: p. 2-3. ●Item 83-B-4 (microfiche)

1. European larch. I. Strong, Terry F. II. North Central Forest Experiment Station (Saint Paul, Minn.) III. Title. IV. Series. OCLC 11780452

85-11920

A 13.79:NE-323

Remington, Susan B.

Potential effects of the fuelwood market on wood-using industries in northern New England and New York / Susan B. Remington, Paul E. Sendak. — [Broomall, Pa.] : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1984.

4 p. : 28 cm. — (Research note NE ; 323) Caption title. Distributed to depository libraries in microfiche. Bibliography: p. 4. ●Item 83-B-4 (microfiche)

1. Fuelwood industry — New England. 2. Fuelwood industry — New York. 3. Forest products industry — New York (State). 4. Forest products industry — New England. I. Sendak, Paul E. II. Northeastern Forest Experiment Station (Broomall, Pa.) III. Title. IV. Series. OCLC 11729668

85-11921

A 13.79:PNW-415

Cochran, P. H.

Biomass estimators for thinned second-growth ponderosa pine trees / P.H. Cochran, J.W. Jennings, and C.T. Youngberg. — [Portland, Or.] : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, 1984.

6 p. : 28 cm. — (Research note PNW ; 415) Caption title. Distributed to depository libraries in microfiche. "July 1984." Bibliography: p. 6. ●Item 83-B-4 (microfiche)

1. Ponderosa pine — Growth. 2. Biomass energy. I. Jennings, J. W. II. Youngberg, C. T. III. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) IV. Title. V. Series. OCLC 11674183

85-11922

A 13.79:PNW-416

Geist, J. Michael.

Fourwing saltbush establishment in the Keating Uniform Shrub Garden : first year results / J. Michael Geist and Paul J. Edgerton. — [Portland, Or.] : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Experiment Station, [1984]

8 p. : ill. ; 28 cm. — (Research note PNW ; 416) Caption title. Distributed to depository libraries in microfiche. "September 1984." Bibliography: p. 8. ●Item 83-B-4 (microfiche)

1. Shrubs — Oregon. 2. Range plants — Oregon. I. Edgerton, Paul J. II. Pacific Northwest Forest and Range Ex-

## Forest Service — Agriculture Dept.

periment Station (Portland, Or.) III. Title. IV. Series. OCLC 11766034

85-11923

A 13.79:RM-436

Markstrom, Donald C.

Service life of treated and untreated Rocky Mountain area fenceposts : a progress report / Donald C. Markstrom. — [Fort Collins, CO.] : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, [1984]

5 p. : ill. ; 28 cm. — (Research note RM : 436) Caption title. Distributed to depository libraries in microfiche. "February 1984." Bibliography: p. 4. ●Item 83-B-4 (microfiche)

1. Wood poles. I. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) II. Title. III. Series. OCLC 11729679

85-11924

A 13.79:RM-442

Tinus, R. W.

Optimum temperatures for growth of southern Rocky Mountain Engelmann spruce and Douglas-fir seedlings / R.W. Tinus. — [Fort Collins, Colo.] : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, [1984]

5 p. : ill. ; 28 cm. — (Research note RM : 442) Caption title. Distributed to depository libraries in microfiche. "May 1984." Bibliography: p. 5. ●Item 83-B-4 (microfiche)

1. Greenhouses — Climate. 2. Engelmann spruce — Seedlings. 3. Douglas fir — Seedlings. I. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) II. Title. III. Series. OCLC 11691135

85-11925

A 13.79:RM-443

Betters, David R.

Demand for commercially delivered domestic fuelwood in Colorado, 1980 / David R. Betters, John G. Hof, and Phyllis P. Ryan. — [Fort Collins, Colo.] : USDA Forest Service, Rocky Mountain Forest and Range Experiment Station, [1984]

4 p. : ill., 1 map ; 28 cm. — (Research paper RM : 443) Caption title. Distributed to depository libraries in microfiche. "May 1984." Bibliography: p. 4. ●Item 83-B-4 (microfiche)

1. Fuelwood industry — Colorado. I. Hof, John G. II. Ryan, Phyllis P. III. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) IV. Title. V. Series. OCLC 11724704

85-11926

A 13.79:SO-301

Johnson, Robert L.

Nuttall oak direct seedlings still successful after 11 years / Robert L. Johnson. — [New Orleans, La.] : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1983.

3 p. : ill. ; 28 cm. — (Research note SO : 301) Caption title. Distributed to depository libraries in microfiche. "December 1983." Bibliography: p. 3. ●Item 83-B-4 (microfiche)

1. Oak — Seedlings. 2. Germination. I. Southern Forest Experiment Station (New Orleans, La.) II. Title. III. Series. OCLC 11724532

85-11927

A 13.79:SO-302

Krinard, R. M.

Growth, thinning treatments, and soil properties in a 10-year-old cottonwood plantation on a clay site / Roger M.

Krinard and Harvey E. Kennedy, Jr. — [New Orleans, La.] : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1983.

4 p. : 28 cm. — (Research note SO : 302) Caption title. Distributed to depository libraries in microfiche. "December 1983." Bibliography: p. 4. ●Item 83-B-4 (microfiche)

1. Forest thinning. 2. Cottonwood — Growth. I. Kennedy, Harvey E. II. Southern Forest Experiment Station (New Orleans, La.) III. Title. IV. Series. OCLC 11724539

85-11928

A 13.79:SO-303

Krinard, R. M.

Ten-year growth of five planted hardwood species with mechanical weed control on Sharkey clay soil / Roger M. Krinard and Harvey E. Kennedy, Jr. — [New Orleans, La.] : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1983.

4 p. : ill. ; 28 cm. — (Research note SO : 303) Caption title. Distributed to depository libraries in microfiche. "December 1983." Bibliography: p. 4. ●Item 83-B-4 (microfiche)

1. Hardwoods. 2. Clay soils. I. Kennedy, Harvey E. II. Southern Forest Experiment Station (New Orleans, La.) III. Title. IV. Series. OCLC 11737012

85-11929

A 13.80:FPL-13

McKeever, David B.

The softwood plywood industry in the United States, 1965-82 / David B. McKeever, Gary W. Meyer. — Madison, WI : U.S. Dept. of Agriculture, Forest Service, Forest Products Laboratory, 1984.

20 p. : ill., 1 map ; 28 cm. — (Resource bulletin FPL : 13) Distributed to depository libraries in microfiche. "April 1984"—T.p. verso. Bibliography: p. 7-8. ●Item 83-B-5 (microfiche)

1. Plywood industry — United States. I. Meyer, Gary W. II. Forest Products Laboratory (U.S.) III. Title. IV. Series. OCLC 10709572

85-11930

A 13.80:NC-79

Pulpwood production in the north central region by county. St. Paul, Minn. : North Central Forest Experiment Station, Forest Service, U.S. Dept. of Agriculture, North Central Forest Experiment Station, Forest Service, U.S. Dept. of Agriculture, 1992 Folwell Ave., St. Paul, Minn. 55108

v. : maps ; 28 cm. (1965-1978: USDA Forest Service resource bulletin NC) (Resource bulletin NC : 79)

Began with 1965. Title from cover. Title varies slightly. 1982. Description based on: 1978. Vols. for (1979-) distributed to depository libraries in microfiche. ●Item 83-B-5 (microfiche)

1. Pulpwood industry — North Central States — Statistics — Periodicals. I. North Central Forest Experiment Station (Saint Paul, Minn.) II. Series. III. Series: USDA Forest Service resource bulletin NC : 79. SD11.A45533 subser 72-603497 //r813 [HD9757.A3] 333.7/5/0977 s [338.1/7/49830977] OCLC 02365253

85-11931

A 13.80:NE-80

Considine, Thomas J.

An analysis of New York's timber resources / Thomas J. Considine, Jr. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Forest Experiment Station, 1984.

70 p. : ill., maps ; 28 cm. — (Resource bulletin NE ; 80)  
Distributed to depository libraries in microfiche. Bibliography: p. 59-61. ●Item 83-B-5 (microfiche)

1. Forests and forestry — New York (State) 2. Forest management — New York (State) I. Northeastern Forest Experiment Station (Broomall, Pa.) II. Title. III. Series. OCLC 11553982

85-11932

A 13.80:PNW-112

Oswald, Daniel D.

Timber resources in areas developed for nonforest use in western Washington / Daniel D. Oswald. — [Portland, Or.] : U.S. Dept. of Agriculture, Forest Service, Pacific Northwest Forest and Range Station, [1984]

20 p. : ill. ; 28 cm. — (Resource bulletin PNW ; 112)  
Distributed to depository libraries in microfiche. "October 1984." ●Item 83-B-5 (microfiche)

1. Timber — Washington (State) 2. Forests and forestry — Washington (State) I. Pacific Northwest Forest and Range Experiment Station (Portland, Or.) II. Title. III. Series. OCLC 11766062

85-11933

A 13.80:SE-74

Davenport, Edgar L.

Forest statistics for the northern coastal plain of North Carolina, 1984 / Edgar L. Davenport. — Asheville, N.C. : U.S. Dept. of Agriculture, Forest Service, Southeastern Forest Experiment Station, [1984]

iv, 50 p. : 1 map ; 28 cm. — (Resource bulletin SE ; 74)  
Distributed to depository libraries in microfiche. "August 1984"—P. 2 of cover. ●Item 83-B-5 (microfiche)

1. Forests and forestry — North Carolina — Statistics. I. Southeastern Forest Experiment Station (Asheville, N.C.) II. Title. III. Series. OCLC 11685021

85-11934

A 13.82/9:984

North Central Forest Experiment Station (Saint Paul, Minn.)

List of publications / United States Department of Agriculture, Forest Service, North Central Forest Experiment Station. [St. Paul, Minn.] : The Station, [1981?— North Central Forest Experiment Station, 1992 Folwell Ave., St. Paul, Minn. 55108

v. ; 28 cm.

Annual

Jan.-Sept. 1981— Title from cover. Oct. 1983-Sept. 1984.

●Item 79-E Continues: North Central Forest Experiment Station (Saint Paul, Minn.). Publications

1. Forests and forestry — United States — Bibliography — Periodicals. I. Title. OCLC 08832825

85-11935

A 13.88:FPL-42

Ince, Peter J.

Computer model for economic study of unbleached kraft paperboard production / by Peter J. Ince. — Madison, WI : U.S. Dept. of Agriculture, Forest Service, Forest Products Laboratory, 1984.

42 p. : ill., charts ; 28 cm. — (General technical report FPL ; 42) Cover title. Distributed to depository libraries in microfiche. "August 1984"—T.p. verso. ●Item 83-B-6 (microfiche)

1. Paperboard industry — United States — Data processing. I. Forest Products Laboratory (U.S.) II. Title. III. Series. OCLC 11419442

85-11936

A 13.88:INT-159

Finklin, Arnold I.

Climate of Priest River Experimental Forest, northern Idaho / Arnold I. Finklin. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1983.

53 p. : ill., 4 maps ; 28 cm. — (General technical report INT ; 159) Cover title. Distributed to depository libraries in microfiche. "December 1983." Bibliography: p. 26-27.

●Item 83-B-6 (microfiche)

1. Forest microclimatology — Idaho — Priest River Experimental Forest. 2. Priest River Experimental Forest (Idaho) 3. †Forest microclimatology — Idaho. 4. †Priest River Experimental Forest (Idaho) I. Intermountain Forest and Range Experiment Station (Ogden, Utah) II. Title. III. Series. OCLC 10596250

85-11937

A 13.88:INT-162

Pankey, Jan M.

Streamflow summaries from twelve tributaries of Farmington Creek, Davis County Experimental Watershed, northern Utah / Jan M. Pankey, Norbert V. DeByle. — Ogden, UT : U.S. Dept. of Agriculture, Forest Service, Intermountain Forest and Range Experiment Station, 1984.

133 p. : maps ; 28 cm. — (General technical report INT ; 162) Cover title. Distributed to depository libraries in microfiche. "April 1984." Bibliography: p. 131-133.

●Item 83-B (microfiche)

1. Stream measurements — Utah — Farmington Creek (Utah) 2. †Stream measurements — Utah — Farmington Creek. I. DeByle, Norbert V. II. Intermountain Forest and Range Experiment Station (Ogden, Utah) III. Title. IV. Series. OCLC 11051042

85-11938

A 13.88:NE-88

Proceedings : new and improved techniques for monitoring and evaluating spruce budworm populations : September 13-15, 1983, Holiday Inn, Burlington, VT / sponsored by Vermont Department of Forests, Parks and Recreation, USDA Forest Service, State and Private Forestry, CANADA/United States Spruce Budworms R&D Program ; [prepared by United States Department of Agriculture, Forest Service, Northeastern Station]. — Broomall, Pa. : The Station, 1984.

iv, 71 p. : ill., maps ; 28 cm. — (General technical report NE ; 88) Distributed to depository libraries in microfiche.

"CANUSA, Canada United States Spruce Budworms Program"—Cover. "February 1984." Includes bibliographical references. ●Item 83-B-6 (microfiche)

1. Spruce budworm — Control — Vermont — Congresses. 2. Spruce budworm — Control — Canada — Congresses. I. Vermont. Dept. of Forests, Parks, and Recreation. II. Northeastern Forest Experiment Station (Broomall, Pa.) III. Canada/United States Spruce Budworms Program. IV. Title: New and improved techniques for monitoring and evaluating spruce budworm populations. V. Series. OCLC 11685165

85-11939

A 13.88:NE-96

Marquis, David A.

Prescribing silvicultural treatments in hardwood stands of the Alleghenies / David A. Marquis, Richard L. Ernst, Susan L. Stout. — Broomall, Pa. : U.S. Dept. of Agriculture, Forest Service, Northeastern Station, 1984.

## Forest Service — Agriculture Dept.

90 p. : ill. ; 28 cm. — (General technical report NE ; 96)  
Cover title. Distributed to depository libraries in microfiche.  
Bibliography: p. 18-26. ●Item 83-B-6 (microfiche)

1. Forest thinning. 2. Forests and forestry — Allegheny National Forest (Pa.) I. Ernst, Richard L. II. Stout, Susan L. (Susan Laurane) III. Northeastern Forest Experiment Station (Broomall, Pa.) IV. Title. V. Series. OCLC 11739927

85-11940

A 13.88:PSW-71

Plumb, Timothy R.

Five southern California oaks : identification and postfire management / Timothy R. Plumb and Anthony P. Gomez. — Berkeley, Calif. : U.S. Dept. of Agriculture, Forest Service, Pacific Southwest Forest and Range Experiment Station, [1983]

56 p. : col. ill., maps ; 13 x 22 cm. — (General technical report PSW ; 71) Cover title. "October 1983"—P. 2 of cover. Bibliography: p. 56. ●Item 83-B-06 (microfiche)

1. Oak — California. 2. Forest fires — California — Prevention and control. 3. †Oak — California. 4. †Forest fires — California. 5. †Wildfires — California. I. Gomez, Anthony P. II. Pacific Southwest Forest and Range Experiment Station (Berkeley, Calif.) III. Title. IV. Series. OCLC 10762115

85-11941

A 13.88:RM-107

Sorg, Cindy F.

Empirical estimates of amenity forest values : a comparative review / Cindy F. Sorg and John B. Loomis. — Fort Collins, Colo. : U.S. Dept. of Agriculture, Forest Service, Rocky Mountain Forest and Range Experiment Station, 1984.

23 p. : 28 cm. — (General technical report RM ; 107) Cover title. Distributed to depository libraries in microfiche. "March 1984"—P. [2] of cover. Bibliography: p. 20-23. ●Item 83-B-6 (microfiche)

1. Forests and forestry — Valuation. I. Loomis, John B. II. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) III. Title. IV. Series. OCLC 11729694

85-11942

A 13.88:RM-111

Hawksworth, Frank G., 1926-

Biology of dwarf mistletoes : proceedings of the symposium, August 8, 1984, Colorado State University, Fort Collins / Frank G. Hawksworth and Robert F. Scharpf, technical coordinators ; sponsored by Rocky Mountain Forest and Range Experiment Station ... [et al.]. — Fort Collins, Colo. : Rocky Mountain Forest and Range Experiment Station, Forest Service, U.S. Dept. of Agriculture, [1984]

131 p. : ill., maps ; 28 cm. — (General technical report RM ; 111) Distributed to depository libraries in microfiche. Includes bibliographies. ●Item 83-B-6 (microfiche)

1. Dwarf mistletoe — Congresses. I. Scharpf, Robert F., 1931- II. Rocky Mountain Forest and Range Experiment Station (Fort Collins, Colo.) III. Title. IV. Series. OCLC 11766045

85-11943

A 13.88:SE-27

Stand structure and yields of site-prepared loblolly pine plantations in the lower Coastal plain of the Carolinas, Georgia, and north Florida / Jerome L. Clutter ... [et al.] — Asheville, N.C. : U.S. Dept. of Agriculture, Forest Service, Southeastern Forest Experiment Station, 1984.

iv, 173 p. : ill., 1 map ; 28 cm. — (General technical report SE ; 27) Distributed to depository libraries in microfiche.

"September 1984." Bibliography: p. 162. ●Item 83-B-6 (microfiche)

1. Loblolly-pine. I. Clutter, Jerome L., 1934- II. Southeastern Forest Experiment Station (Asheville, N.C.) III. Series. OCLC 11685128

85-11944

A 13.88:SO-45

Lanford, B. L.

Drive-to-tree, rubber-tired feller buncher production studies / B.L. Lanford and D.L. Sirois. — New Orleans, La. : U.S. Dept. of Agriculture, Forest Service, Southern Forest Experiment Station, 1983.

14 p. : ill. ; 28 cm. — (General technical report SO ; 45) Distributed to depository libraries in microfiche. "August, 1983." Bibliography: p. 8. ●Item 83-B-6 (microfiche)

1. Logging — Machinery. 2. Tree felling. I. Sirois, Donald L. II. Southern Forest Experiment Station (New Orleans, La.) III. Title. IV. Series. OCLC 11737501

85-11945

A 13.88:WO-38

Knopf, Richard C.

A recreation manager's guide to understanding river use and users / Richard C. Knopf and David W. Lime. — Washington, D.C. : U.S. Dept. of Agriculture, Forest Service, 1984.

37 p. : ill., forms ; 28 cm. — (General technical report WO ; 38) Distributed to depository libraries in microfiche. "February 1984." Bibliography: p. 24. ●Item 83-B-6 (microfiche)

1. Rivers — United States — Recreational use. I. Lime, David W. II. United States. Forest Service. III. Title. IV. Series. OCLC 11347114

85-11946

A 13.88:WO-41

Research accomplishments. Washington, D.C. : U.S. Dept. of Agriculture, Forest Service, U.S. Dept. of Agriculture, Forest Service, P.O. Box 2417, Washington, D.C. 20013

v. : ill. ; 20 x 26 cm. (General technical report WO ; 41)

Annual Distinctive title: Research for tomorrow's forests Spine title: Research accomplishments report (-1979) Previously classed: A 13.2:R 31/5/ 1983. Vols. for (1983-) distributed to depository libraries in microfiche. ●Item 83-B (microfiche) ISSN 0090-239X Continues: Forest Service research accomplishments

1. Forests and forestry — Research — United States — Periodicals. 2. Forests and forestry — Research — United States — Bibliography — Periodicals. I. United States. Forest Service. Key Title: Forest Service research accomplishments II. Series. SD252.A17 73-640909 //r833 634.9/05 OCLC 01784885

85-11947

A 13.92/2:M 46/plan/v. 1/chap. 1-9

A 13.92/2:M 46/plan/v. 2/app.

Land and resource management plan : draft environmental impact statement : Medicine Bow National Forest and Thunder Basin National Grassland. — Laramie, Wyo. : U.S. Dept. of Agriculture, Forest Service, 1984.

2 v. : ill., maps (some col.) ; 28 cm. Cover title. Two maps in 5 separate pockets at end of v. 1. Bibliography: v. 1, p. IX-1 - IX-5. Includes index (v. 1) Contents: v. 1. Chapters I-IX — v. 2. Appendices. ●Item 80-F

1. Forest management — Wyoming — Medicine Bow National Forest. 2. Grasslands — Wyoming — Thunder Basin National Grassland. 3. Medicine Bow National Forest

(Wyo.) 4. Thunder Basin National Grassland (Wyo.) I. United States. Forest Service. OCLC 11724466

85-11948

A 13.92/2:M 46/prop.

Medicine Bow National Forest and Thunder Basin National Grassland : land and resource management plan (proposed). — Laramie, Wyo. : Rocky Mountain Region, USDA Forest Service, 1984.

406 p. in various pagings : ill., maps ; 28 cm. 2 maps (part. col.) in pocket. Cover title: Land and resource management plan, Medicine Bow National Forest and Thunder Basin National Grassland, proposed. Includes index. Includes bibliographical references. ●Item 80-F

I. Forest management — Wyoming — Medicine Bow National Forest. 2. Grasslands — Wyoming — Thunder Basin National Grassland. 3. Medicine Bow National Forest (Wyo.) 4. Thunder Basin National Grassland (Wyo.) I. United States. Forest Service. Rocky Mountain Region. II. Title: Land and resource management plan (proposed) OCLC 11739967

85-11949

A 13.92/2:N 15/plan

Proposed land and resource management plan : Nantahala & Pisgah National Forests, North Carolina. — [Atlanta, Ga.?] : U.S. Dept. of Agriculture, Forest Service, Southern Region, [1984?]

I v. (various pagings) : ill., 2 maps ; 28 cm. 4 maps on 2 folded leaves in pocket. Cover title. ●Item 80-F

I. Forest reserves — North Carolina — Nantahala National Forest. 2. Forest reserves — North Carolina — Pisgah National Forest. 3. Nantahala National Forest (N.C.) 4. Pisgah National Forest (N.C.) I. United States. Forest Service. Southern Region. II. Title: Nantahala & Pisgah National Forests, North Carolina. OCLC 11492693

85-11950

A 13.110/8:As 6

Walters, James W.

An aid to identifying aspen diseases frequently encountered in the Rocky Mountains / by James W. Walters ; revised by Jerome S. Beatty. — Albuquerque, N.M. : U.S. Dept. of Agriculture, Forest Service, Southern Region, State and Private Forestry, Forest Pest Management, 1984.

20 p. : col. ill. ; 28 cm. "September 1984"—Cover. Bibliography: p. 19-20. ●Item 86-F

I. Aspen — Rocky Mountains Region. I. Beatty, Jerome S. II. United States. Forest Pest Management. III. Title. OCLC 11770279

85-11951

A 13.110/10:NA-FB/P-26

Bruce spanworm. — [Broomall, Pa.?] : U.S. Dept. of Agriculture, Forest Service, Northeastern Area, [1984?]

I sheet : col. ill. ; 28 cm. — (NA-FB/P : 26) (Pest alert) Caption title. ●Item 79-M-1

I. Operophtera. 2. Hardwoods — Diseases and pests — Maine. 3. Caterpillars. I. United States. State and Private Forestry. Northeastern Area. II. Series. III. Series. OCLC 11691460

85-11952

A 13.110/10:NA-FB/P-27

Oak sprout canker. — [Broomall, Pa.?] : U.S. Dept. of Agriculture, Forest Service, Northeastern Area, [1984?]

I sheet : col. ill. ; 28 cm. — (NA-FB/P : 27) (Pest alert) Caption title. ●Item 79-M-1

I. Canker (Plant disease) 2. Oak — Diseases and pests — Michigan. I. United States. State and Private Forestry. Northeastern Area. II. Series. III. Series. OCLC 11691470

## EXTENSION SERVICE Agriculture Dept. Washington, DC 20250

85-11953

A 43.2:C 28

A Catalyst for change : the Extension Service / prepared by Extension Service. — [Washington, D.C.?] : U.S. Dept. of Agriculture, [1983]

48 p. : ill. ; 22 x 28 cm. Cover title. "Issued October 1983"—P. 1. ●Item 61-D

I. Agricultural extension work — United States. 2. †Agricultural extension work — United States. 3. United States. Extension Service. I. United States. Extension Service. OCLC 10476265

85-11954

A 43.2:C 44

Management and organizational technologies of Chinese rural youth programs : a scientific exchange of rural youth programs between the U.S.A. and the People's Republic of China. — Washington, DC : U.S. Dept. of Agriculture, Extension Service, 4-H Office and Office of International Cooperation and Development, Scientific and Technical Exchange Division, [1982?]

I v. (various pagings) : ill., 1 map ; 28 cm. Cover title. Distributed to depository libraries in microfiche. Includes bibliographical references. ●Item 61-D (microfiche)

I. Agricultural extension work — China. 2. Rural youth — Education — China. 3. †Agricultural extension work — China. 4. †Rural youth — Education — China. I. United States. Extension Service. 4-H Office. II. United States. Dept. of Agriculture. Office of International Cooperation and Development. Scientific and Technical Exchange Division. OCLC 10635815

## SOIL CONSERVATION SERVICE Agriculture Dept. Washington, DC 20250

85-11955

A 57.2:G 29/3

Photography of rock core samples. — Washington, D.C. : U.S. Dept. of Agriculture, Soil Conservation Service, Engineering Division, [1984- ]

I v. (loose-leaf) : ill. (some col.) ; 28 cm. — (Geology note 4) "May 30, 1984." ●Item 120

I. Photography of rocks. I. United States. Soil Conservation Service. Engineering Division. II. Series. OCLC 11766099

85-11956

A 57.2:H 65/2

Hocking Soil and Water Conservation District resources inventory. — Logan, Ohio : U.S. Dept. of Agriculture, Soil Conservation Service : Economic Research Service, 1985.

13 p. : 28 cm. Cover title. "December 1984"—P. [1] ●Item 120

I. Hocking Soil and Water Conservation District. 2. Land use — Ohio. 3. Soil conservation — Ohio. 4. Wetlands — Ohio. I. United States. Soil Conservation Service. II. United States. Dept. of Agriculture. Economic Research Service. OCLC 11766053

## Agricultural Research Service — Agriculture Dept.

85-11957

A 57.2:ln 2/5

Indiangrass : warm-season grass : how to identify, establish, and manage Indiangrass. — Des Moines, Iowa : U.S. Dept. of Agriculture, Soil Conservation Service, [1984]

[2] p. : col. ill. ; 28 cm. — (Fact sheet) Caption title. "October 1984." ●Item 120

I. Grasses. I. United States. Soil Conservation Service. II. Series: Fact sheet (United States. Soil Conservation Service) OCLC 11737512

85-11958

A 57.38:F 95/3

Soil survey of Fulton County, Ohio / United States Department of Agriculture, Soil Conservation Service ; in cooperation with Ohio Department of Natural Resources, Division of Lands and Soil and Ohio Agricultural Research and Development Center. — [Washington, D.C.] : The Service, 1984.

vi, 166 p., [66] folded p. of plates : ill. (1 col.) ; 28 cm. Cover title. "October 1984"—P. iii. Bibliography: p. 99. ●Item 102-B-35

I. Soils—Ohio—Fulton County—Maps. I. United States. Soil Conservation Service. II. Ohio. Division of Lands and Soil. III. Ohio Agricultural Research and Development Center. OCLC 11505138

85-11959

A 57.38:G 86/2

Wiesner, C. Howard.

Soil survey of Gregory County, South Dakota / United States Department of Agriculture, Soil Conservation Service ; in cooperation with the United States Department of the Interior, Bureau of Indian Affairs, and the South Dakota Agricultural Experiment Station. — [Washington, D.C.] : The Service, 1984.

ix, 175 p., [86] folded p. of plates : ill., maps (1 col.) ; 28 cm. Cover title. "Issued August 1984"—P. iii. Bibliography: p. 97. ●Item 102-B-41

I. Soils—South Dakota—Gregory County—Maps. I. United States. Soil Conservation Service. II. United States. Bureau of Indian Affairs. III. South Dakota Agricultural Experiment Station. IV. Title. OCLC 11284363

85-11960

A 57.38:H 22/2

Soil survey of Harmon County, Oklahoma / United States Department of Agriculture, Soil Conservation Service ; in cooperation with Oklahoma Agricultural Experiment Station and Oklahoma Conservation Commission. — [Washington, D.C.] : The Service, 1984.

ix, 198 p., [34] folded p. of plates : ill., maps (1 col.) ; 28 cm. Cover title. "Issued September 1984"—P. iii. Bibliography: p. 119. ●Item 102-B-36

I. Soils—Oklahoma—Harmon County—Maps. I. United States. Soil Conservation Service. II. Oklahoma State University. Agricultural Experiment Station. III. Oklahoma Conservation Commission. OCLC 11504213

85-11961

A 57.38:lst/984

List of published soil surveys. Washington, D.C. : U.S. Dept. of Agriculture, Soil Conservation Service, U.S. Dept. of Agriculture, Soil Conservation Service, P.O. Box 2890, Washington, D.C. 20013

v. ; 26-28 cm.

Annual Jan. 1984 Description based on: 1966. [Item 102-A, SW/SU/jt/jt] ●Item 102-A

I. Soil-surveys—United States—Bibliography—Periodicals. 2. Soils—United States—Maps—Bibliography—Periodicals. I. United States. Soil Conservation Service. OCLC 04253590

85-11962

A 57.38:M 31

Soil survey of Manatee County, Florida / United States Department of Agriculture, Soil Conservation Service ; in cooperation with University of Florida, Institute of Food and Agricultural Sciences, Agricultural Experiment Station and Soil Science Department, and Florida Department of Agriculture and Consumer Services. — [Washington, D.C.] : The Service, [1983]

vii, 159 p., 17 p. of plates : ill., maps (1 col.) ; 28 cm. Cover title. "Issued April 1983"—P. iii. Bibliography: p. 95. ●Item 102-B-9

I. Soils—Florida—Manatee County—Maps. I. United States. Soil Conservation Service. II. University of Florida. Agricultural Experiment Station. III. University of Florida. Soil Science Dept. IV. Florida. Dept. of Agriculture and Consumer Services. S599.F6H93 1983 83-602196 631.4/7/75962 \$2.19 OCLC 11159519

85-11963

A 57.52:1/3

Procedures for collecting soil samples and methods of analysis for soil survey. — Rev. July 1984. — [Washington, D.C.] : U.S. Dept. of Agriculture, Soil Conservation Service, 1984.

iv, 68 p. : ill. ; 28 cm. — (Soil survey investigations report ; no. 1) Cover title. Distributed to depository libraries in microfiche. Bibliography: p. 67-68. ●Item 121-A (microfiche)

I. Soils—United States—Analysis. 2. Soils—United States—Sampling. I. United States. Soil Conservation Service. II. Series. OCLC 11780497

85-11964

A 57.69:G 76/7/folder

Important farmlands of Graham County, Arizona / prepared by United States Department of Agriculture, Soil Conservation Service. — [Washington, D.C.] : The Service, [1984]

1 folded sheet (6) p. : ill. ; 23 x 10 cm. "March 1984." ●Item 121-F

I. Agricultural resources—Arizona—Graham County. 2. Land use, Rural—Arizona—Graham County. I. United States. Soil Conservation Service. OCLC 11691130

## AGRICULTURAL RESEARCH SERVICE

Agriculture Dept.

Washington, DC 20250

85-11965

A 77.2:P 84/2

Program review and evaluation report : weed science, agricultural chemicals technology, and related bioregulation research programs, 1984. — [Beltsville, Md.] : U.S. Dept. of Agriculture, Agricultural Research Service, 1984.

396 p. ; 28 cm. Distributed to depository libraries in microfiche. Includes bibliographical references. ●Item 26-A-1 (microfiche)

I. Weed control—United States. 2. Agricultural chemicals—United States. I. United States. Agricultural Research Service. OCLC 11724650

85-11966

A 77.2:So 8/3

Rinfrette, Kay.

Southern Regional Research Center. — New Orleans, La. : U.S. Dept. of Agriculture, Agricultural Research Service, [1985]

15 p. ; 23 x 10 cm. "January 1985"—P. 2. ●Item 26-A-1

1. United States. Agricultural Research Service. Southern Regional Research Center. I. United States. Agricultural Research Service. II. Title. OCLC 11770195

85-11967

A 77.15:5

Mickelson, Rome H.

Effects of land-use conversion on water runoff and soil erosion. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Agricultural Research Service ; Springfield, Va. : National Technical Information Service [distributor], 1984.

18 p. : ill. ; 28 cm. "ARS-5." "August 1984." Bibliography: p. 11-12. ●Item 25-B

1. Soil erosion—Colorado. 2. Runoff—Colorado. 3. Land use—Colorado. I. United States. Agricultural Research Service. II. Title. OCLC 11724644

85-11968

A 77.15:7

Harvey, John M., 1921-

Instructions for forecasting decay in table grapes for storage. — Aug. 1960, approved for reprinting Feb. 1984. — Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Research Service ; Springfield, Va. : National Technical Information Service [distributor], 1984.

12 p. : ill. ; 28 cm. "August 1984." "ARS-7." Includes bibliographical references. ●Item 25-B

1. Grapes—Storage. I. United States. Agricultural Research Service. II. Title. OCLC 11724698

85-11969

A 77.30:S-13

Martin, Franklin W.

Growing food in containers in the Tropics / by Franklin W. Martin, and Ruth M. Ruberte. — New Orleans, La. : Agricultural Research, (Southern Region), Science and Education Administration, U.S. Dept. of Agriculture, [1981]

iii, 14 p. : ill. ; 26 cm. — (Agricultural reviews and manuals. ARM-S. ISSN 0193-3779 ; 8) Distributed to depository libraries in microfiche. Series numbering and date on title page incorrect. "July 1980." "January 1981"—Cover. "PB84-112523"—Cover. ●Item 22-A-5 (microfiche)

1. Tropical plants—Tropics. 2. Vegetable gardening—Tropics. 3. Plants, Edible—Tropics. I. Ruberte, Ruth M. II. United States. Science and Education Administration. Agricultural Research. Southern Region. III. Title. IV. Series: Agricultural reviews and manuals. ARM-S ; 13. OCLC 08082614

85-11970

A 77.30:W-31

The Quality of Agricultural Research Service watershed and plot data / edited by Clifton W. Johnson, David A. Farrell and Fred W. Blaisdell. — Oakland, Calif. : Agricultural Research Service, (Western Region), U.S. Dept. of Agriculture ; Boise, ID : USDA-ARS, Northwest Watershed Research [distributor], [1982]

vi, 168 p. : ill. ; 26 cm. — (Agricultural reviews and manuals. ARM-W. ISSN 0913-3760 ; 31) Distributed to depository libraries in microfiche. "August 1982." Includes bibliographies. ●Item 22-A-5 (microfiche)

1. United States. Agricultural Research Service. 2. Watersheds—United States. 3. Hydrology—United States. 4. Watersheds—Research. 5. Hydrology—Research. I. Johnson, Clifton W., 1924- II. Farrell, David A. III. Blaisdell, Fred W., 1911- IV. United States. Agricultural Research Service. Western Region. V. Series. VI. Series: Agricultural reviews and manuals. ARM-W ; 31. OCLC 09265830

85-11971

A 77.35:982

Inventions available for licensing. [Hyattsville, Md.] : Administrative Services Division, Agricultural Research Service, U.S. Dept. of Agriculture, Administrative Management Division, ARS, Program Agreements and Patents Management Branch, Room 524, Federal Building, 6505 Belcrest Road, Hyattsville, Maryland 20782

v. : 28 cm.

Annual. Dec. 1982. Description based on: Issue published Dec. 1979; title from cover. ●Item 26-A-2

1. †Patents, Government-owned—United States—Catalogs. 2. †Patent licenses—United States. 3. Patent licenses—United States—Catalogs. I. United States. Agricultural Research Service. Administrative Services Division. II. United States. Dept. of Agriculture. Office of the General Counsel. Research and Operations Division. III. United States. Science and Education Administration. IV. United States. Dept. of Agriculture. Office of the General Counsel. OCLC 08749188

## FARMERS HOME ADMINISTRATION

Agriculture Dept.

Washington, DC 20250

85-11972

A 84.2:H 62/982

A Brief history of Farmers Home Administration / compiled and edited by Bonnie L. Rafer ; contributing editor : Carolyn Kennedy. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Farmers Home Administration, 1982.

51 p. : ill. ; 28 cm. Cover title. Distributed to depository libraries in microfiche. "March 1982." ●Item 68 (microfiche)

1. United States. Farmers Home Administration. 2. Agricultural credit—United States. 3. Loans—United States—Statistics. 4. Agricultural credit—United States—Statistics. I. Rafer, Bonnie L. II. Kennedy, Carolyn. III. United States. Farmers Home Administration. OCLC 08855239

## AGRICULTURAL MARKETING SERVICE

Agriculture Dept.

Washington, DC 20250

85-11973

A 88.15/23:984

List of plants operating under USDA poultry and egg grading and egg products inspection programs / United States Department of Agriculture, Agricultural Marketing Service, Poultry and Dairy Quality Division. Washington, D.C. : The Division, U.S. Dept. of Agriculture, Agricultural Marketing Service, Poultry Division, Washington, D.C. 20250

v. : 26-28 cm.

Annual. Previously classed: A 103.10: Apr. 1984. Description based on: July 1981. Vols. for (1983-) distributed to depository libraries in microfiche. ●Item 40-B-1 (microfiche) ISSN 0195-4776 Continues: List of plants operating under USDA poultry and egg inspection and grading programs ISSN 0565-2138

1. Poultry—United States—Inspection—Periodicals. 2. Eggs—United States—Inspection—Periodicals. I. United States. Agricultural Marketing Service. Poultry Division. II. United States. Agricultural Marketing Service. Poultry and Dairy Quality Division. III. United States. Food Safety and Quality Service. Poultry and Dairy Quality Division. IV. United States. Consumer and Marketing Service. Poultry Di-

## Statistical Reporting Service — Agriculture Dept.

vision. HD9437.U6U54b 79-644157 //r802 338.1/76513/  
0973 OCLC 05434843

### STATISTICAL REPORTING SERVICE

Agriculture Dept.  
Washington, DC 20250

85-11974

A 92.11/2-2:984

Noncitrus fruits & nuts. Annual summary. Washington, D.C. : Crop Reporting Board, Economics and Statistics Service, U.S. Dept. of Agriculture: [Supt. of Docs., U.S. G.P.O., distributor, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 26-28 cm.

Annual

\$8.50 Title from cover. "FrNt 1-3 (85)" Previously classed: A 105.11: 1984. Description based on: 1980. Included in subscription with: Noncitrus fruits & nuts. Midyear supplement. ●Item 122-A-4 S/N 701-037-00000-6 ISSN 0093-4569 Has supplement: Noncitrus fruits & nuts. Midyear supplement

1. Fruit trade — United States — Statistics — Periodicals.  
2. Nuts — United States — Statistics — Periodicals. I. United States. Crop Reporting Board. Noncitrus fruits & nuts. Midyear supplement Key Title: Noncitrus fruits & nuts HD9244.U55a 74-641930 //r82 338.1/7/40973 OCLC 01792333

85-11975

A 92.11/6:984

Cranberries (Washington, D.C.)

Cranberries / Crop Reporting Board, Statistical Reporting Service, U.S. Department of Agriculture. Washington, D.C. : The Board, Crop Reporting Board publications, Room 5829, South Building, U.S. Dept. of Agriculture, Washington, D.C. 20250

v. ; 27 cm.

Annual Title from caption. "SpCr 1 (8-84)" Aug. 21, 1984. Description based on: Aug. 18, 1981. ●Item 122-A-4 ISSN 0196-884X

1. Cranberries — United States — Statistics — Periodicals.  
I. United States. Crop Reporting Board. Key Title: Cranberries (Washington) sc:79004251 OCLC 04023113

85-11976

A 92.11/10-5:984

Mushrooms / Crop Reporting Board, Economics, Statistics, & Cooperatives Service, U.S. Department of Agriculture. Washington, D.C. : The Board, Crop Reporting Board publications, Room 5829, South Building, U.S. Dept. of Agriculture, Washington, D.C. 20250

v. ; 28 cm.

Annual

Began with 1966. Title from caption. "Vg 2-1-2 (8-84)" Previously classed: A 105.24/6: Aug. 13, 1984. Description based on: Aug. 13, 1980. ISSN 0197-6281

1. Mushrooms — United States — Statistics — Periodicals.  
I. United States. Crop Reporting Board. sc:79004702 OCLC 03599239

85-11977

A 92.40:983

Farm production expenditures / United States Department of Agriculture, Statistical Reporting Service, Crop Reporting Board. Washington, D.C. : The Board, [1984- Crop Reporting Board publications, Room 5829, South Building, U.S. Dept. of Agriculture, Washington, D.C. 20250

v. ; 28 cm.

Annual

1983 summary- Title from cover. "SpSY 5 (7-84)" 1983. Vols. for 1983- distributed to depository libraries in microfiche. ●Item 18-A (microfiche) ISSN 0191-0531 Continues: Farm production expenditures for ... ISSN 0191-0531

1. Agriculture — United States — Costs — Statistics — Periodicals. 2. Farms — United States — Cost of operation — Statistics — Periodicals. I. United States. Crop Reporting Board. sc:84001914 OCLC 11210196

### ECONOMIC RESEARCH SERVICE

Agriculture Dept.  
Washington, DC 20250

85-11978

A 93.2:F 73/6:984

World food aid needs and availabilities / United States Department of Agriculture, Economic Research Service. [Washington, D.C. : International Economics Division], Economic Research Service, U.S. Dept. of Agriculture, [1981- Economic Research Service, U.S. Dept. of Agriculture, Washington, D.C. 20250

v. ; ill. ; 28 cm. (1981-198 , Foreign agricultural economic report)

Annual

1981- Title from cover. Previously classed: A 93.27: 1984. ●Item 42-T ISSN 0734-6581

1. Food supply — Periodicals. 2. Food relief — Periodicals. 3. Agriculture — Periodicals. 4. Agriculture — Economic aspects — Periodicals. I. United States. Dept. of Agriculture. Economic Research Service. II. United States. Dept. of Agriculture. Economic Research Service. International Economics Division. III. Series: Foreign agricultural economic report HD9000.1.W57 82-645378 [HD1411.F59] 338.1/9 OCLC 08492580

85-11979

A 93.11/3:44

Rice outlook & situation / United States Department of Agriculture, Economics and Statistics Service. [Washington, D.C.] : The Service : [Supt. of Docs., U.S. G.P.O., distributor] c1981- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm.

Semiannual

\$5.00

RS-37 (March 1981)- Title from cover. Previously classed: A 105.20/4: RS-44, Oct. 1984. Predicasts ●Item 21-P S/N 701-042-00000-0 ISSN 0277-5867 Continues: Rice situation (United States. Dept. of Agriculture. Economics, Statistics, and Cooperatives Service) ISSN 0501-915X Continued by: Rice outlook and situation report

1. Rice trade — Statistics — Periodicals. 2. Rice — United States — Statistics — Periodicals. I. United States. Dept. of Agriculture. Economic Research Service. II. United States. Dept. of Agriculture. Economics and Statistics Service. III. United States. World Food and Agricultural Outlook and Situation Board. IV. United States. World Agricultural Outlook Board. HD9066.A1U45 81-642239 338.1/7318/05 OCLC 07473507

85-11980

A 93.27:200

Williams, Gary W.

The Brazilian soybean industry : economic structure and policy interventions / Gary W. Williams, Robert L. Thompson. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service : The Supt. of Docs., U.S. G.P.O. [distributor], 1984.

iv, 31 p. : ill. ; 28 cm. — (Foreign agricultural economic report ; no. 200) Distributed to depository libraries in microfiche. "October 1984"—P. ii. Bibliography: p. 30-31. ●Item 42-B (microfiche) S/N 001-019-00332-4 @ GPO \$2.00

1. Soybean industry—Brazil. 2. †Soybean industry—Brazil. 3. †Soybean—Brazil. I. Thompson, Robert L. II. United States. Dept. of Agriculture. Economic Research Service. III. Title. IV. Series. OCLC 11628164

85-11981

A 93.27:205

Burfisher, Mary E.

Cameroon : an export market profile / Mary E. Burfisher. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service : The Supt. of Docs., U.S. G.P.O. [distributor], 1984.

iv, 32 p. : ill., 1 map ; 28 cm. — (Foreign agricultural economic report ; no. 205) Cover title. Distributed to depository libraries in microfiche. "In cooperation with the Foreign Agricultural Service." "September 1984"—P. [2] of cover. Bibliography: p. 29. ●Item 42-B (microfiche) S/N 001-019-00349-0 @ GPO \$2.00

1. Export marketing—Cameroon. 2. Produce trade—Cameroon. I. United States. Dept. of Agriculture. Economic Research Service. II. United States. Foreign Agricultural Service. III. Title. IV. Series. OCLC 11738001

85-11982

A 93.27:206

Mielke, Myles J.

Argentine agricultural policies in the grain and oilseed sectors / Myles J. Mielke. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, [1984]

v, 23 p. ; 28 cm. — (Foreign agricultural economic report ; no. 206) Cover title. Distributed to depository libraries in microfiche. "September 1984"—P. iii. Bibliography: p. 14-15. ●Item 42-B (microfiche) S/N 001-019-00357-0 @ GPO \$1.75

1. Agriculture and state—Argentina. 2. Grain trade—Argentina. 3. Oil industries—Argentina. I. United States. Dept. of Agriculture. Economic Research Service. II. Title. III. Series. OCLC 11689617

85-11983

A 93.44:AGES 830908

Reeder, Richard J.

Nonmetropolitan fiscal indicators : a review of the literature / Richard J. Reeder. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, Economic Development Division, 1984.

v, 53 p. : ill. ; 28 cm. — (ERS staff report ; no. AGES 830908) Distributed to depository libraries in microfiche. "January 1984"—P. ii. Includes bibliographies. ●Item 42-W-1 (microfiche)

1. Rural development—United States. 2. Fiscal policy—United States. I. United States. Dept. of Agriculture. Economic Research Service. Economic Development Division. II. Title. III. Series. OCLC 10796006

85-11984

A 93.44:AGES 831028

Russell, Jesse Rhodes.

Use and cost of soil conservation and water quality practices in the Southeast / Jesse R. Russell, Lee A. Christensen. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, Natural Resource Economics Division, 1984.

iv, 19 p. ; 28 cm. — (ERS staff report ; no. AGES 831028) Distributed to depository libraries in microfiche. "February 1984." Bibliography: p. 18-19. ●Item 42-W-01 (microfiche)

1. Soil conservation—Southern States—Costs. 2. Water quality—Southern States. I. Christensen, L. A. (Lee A.), 1938-. II. United States. Dept. of Agriculture. Natural Resource Economics Division. III. Title. IV. Series. OCLC 11514186

85-11985

A 93.44:AGES 831212

Webb, Shwu-Eng.

Models for evaluating economic impacts of policy changes : a comparison / Shwu-Eng H. Webb, Fred Kuchler. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, Natural Resource Economics Division, 1984.

iii, 27 p. ; 28 cm. — (ERS staff report ; no. AGES 831212) Distributed to depository libraries in microfiche. "January 1984." Bibliography: p. 25-26. ●Item 42-W-1 (microfiche)

1. Agriculture and state—United States. I. Kuchler, Fred. II. United States. Dept. of Agriculture. Natural Resource Economics Division. III. Title. IV. Series. OCLC 11724578

85-11986

A 93.44:AGES 831213

Fox, Austin Shultz, 1923-

Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation / Austin Fox, Charles Moore, and Harold Stults. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, National Economics Division, [1984]

ix, 81 p. : ill., 1 col. map ; 28 cm. — (ERS staff report ; no. AGES 831213) Distributed to depository libraries in microfiche. "February 1984"—P. ii. Bibliography: p. 80-81. ●Item 42-W-01 (microfiche)

1. Crop yields—United States. 2. Surplus agricultural commodities—United States. I. Moore, Charles V. II. Stults, Harold M. III. United States. Dept. of Agriculture. National Economics Division. IV. Title. V. Series. OCLC 11737054

85-11987

A 93.44:AGES 840111

Hanrahan, Charles E.

Longrun changes in world food supply and demand : implications for development assistance policy / Charles E. Hanrahan, Francis S. Urban, J. Larry Deaton. — [Washington, D.C.] : U.S. Department of Agriculture, Economic Research Service, International Economics Division, 1984.

vi, 39 p. ; 28 cm. — (ERS staff report ; no. AGES 840111) Distributed to depository libraries in microfiche. "January 1984." Bibliography: p. 37-39. ●Item 42-W-1 (microfiche)

1. Food supply. I. Urban, Francis S. II. Deaton, J. Larry. III. United States. Dept. of Agriculture. Economic Research Service. International Economics Division. IV. Title. V. Series. OCLC 10792166

85-11988

A 93.44:AGES 840127

Ribaudo, Marc.

Recreation benefits from an improvement in water quality at St. Albans Bay, Vermont / Marc Ribaudo, C. Edwin Young, Donald Epp. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, Natural Resource Economics Division, 1984.

vi, 28 p. : ill., 1 map, 1 form ; 28 cm. — (ERS staff report ; no. AGES 840127) Distributed to depository libraries in microfiche. "March 1984"—T.p. verso. Bibliography: p. 19. ●Item 42-W-1 (microfiche)

1. Recreation areas—Economic aspects—Vermont—Saint Albans Bay. 2. Water quality—Vermont—Saint Albans Bay. I. Young, C. Edwin. II. Epp, Donald J. III.

## Economic Research Service — Agriculture Dept.

United States. Dept. of Agriculture. Natural Resource Economics Division. IV. Title. V. Series. OCLC 10802629

85-11989

A 93.44:AGES 840216

Paarlberg, P. L.

Cargo preference and U.S. wheat exports / Philip L. Paarlberg. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, International Economics Division, 1984.

iv, 12 p. : 28 cm. — (ERS staff report ; no. AGES 840216) Distributed to depository libraries in microfiche. "March 1984." Bibliography: p. 12. ●Item 42-W-1 (microfiche)

1. Wheat trade—United States. 2. Wheat—Transportation. I. United States. Dept. of Agriculture. Economic Research Service. International Economics Division. II. Title. III. Series. OCLC 10796414

85-11990

A 93.44:AGES 840227

Sposato, Stephen.

West Germany : the effect of agricultural policy on production and trade / Stephen Sposato. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, International Economics Division, 1984.

ii, 38 p. : ill. ; 28 cm. — (ERS staff report ; no. AGES 840227) Cover title. Distributed to depository libraries in microfiche. Bibliography: p. 23-24. ●Item 42-W-1 (microfiche)

1. Agriculture and state—Germany (West) 2. Agricultural productivity—Germany (West) 3. Germany (West)—Commerce. I. United States. Dept. of Agriculture. Economic Research Service. International Economics Division. II. Title. III. Series. OCLC 11737982

85-11991

A 93.44:AGES 840301

LeBlanc, Michael R.

An analytical framework for examining investment in agriculture / Michael LeBlanc, James Hrubovcak. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, National Economics Division, 1984.

iii, 17 p. : 28 cm. — (ERS staff report ; no. AGES 840301) Distributed to depository libraries in microfiche. "May 1984"—T.p. verso. Bibliography: p. 16-17. ●Item 42-W-1 (microfiche)

1. Agriculture—Economic aspects—United States. 2. Investment analysis. I. Hrubovcak, James. II. United States. Dept. of Agriculture. National Economics Division. III. Title. IV. Series. OCLC 11780482

85-11992

A 93.44:AGES 840330

Ball, V. Eldon.

Measuring agricultural productivity : a new look / V. Eldon Ball. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, National Economics Division, 1984.

22 p. : 28 cm. — (ERS staff report ; no. AGES 840330) Distributed to depository libraries in microfiche. Includes bibliographical references. ●Item 42-W-1 (microfiche)

1. Agricultural productivity—United States. I. United States. Dept. of Agriculture. National Economics Division. II. Title. III. Series. OCLC 11724587

85-11993

A 93.44:AGES 840419

Spoerri, Daniel, 1930-

Crop output growth : changes in component contributions for six developing countries / Daniel Feinstein. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, International Economics Division, 1984.

iv, 40 p. : ill. ; 28 cm. — (ERS staff report ; no. AGES 840419) Distributed to depository libraries in microfiche. Bibliography: p. 37-38. ●Item 42-W-1 (microfiche)

1. Crop yields—Developing countries. 2. Agricultural productivity—Developing countries. I. United States. Dept. of Agriculture. Economic Research Service. International Economics Division. II. Title. III. Series. OCLC 11691202

85-11994

A 93.44:AGES 840508

Consortium on Trade Research : agricultural trade policy issues in the eighties, current research, and long-term forecasting. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, International Economics Division, 1984.

viii, 19 p. : 28 cm. — (ERS staff report ; no. AGES 840508) Distributed to depository libraries in microfiche. "May 1984"—P. iii. ●Item 42-W-01 (microfiche)

1. Agriculture and state—Congresses. 2. Agricultural price supports—Congresses. 3. Agriculture—Forecasting—Congresses. 4. Export credit—Congresses. I. United States. Dept. of Agriculture. Economic Research Service. International Economics Division. II. Consortium on Trade Research (7th : 1983 : Ottawa, Ont.) III. Title: Agricultural trade policy issues in the eighties, current research, and long-term forecasting. IV. Series. OCLC 11736832

85-11995

A 93.44:AGES 840524

Webb, Alan J.

Protection in agricultural markets / Alan J. Webb. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, International Economics Division, [1984]

ii, 44 p. : ill. ; 28 cm. — (ERS staff report ; no. AGES 840524) Cover title. Distributed to depository libraries in microfiche. "September 1984"—P. [2] of cover. Bibliography: p. 39-41. ●Item 42-W-1 (microfiche)

1. Free trade and protection. 2. United States—Commercial policy. I. United States. Dept. of Agriculture. Economic Research Service. International Economics Division. II. Title. III. Series. OCLC 11738011

85-11996

A 93.44:AGES 840608

Hexem, Roger W., 1935-

Land management programs for agriculture in southwest Georgia / Roger W. Hexem, W. Grant Reddig. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, National Resource Economics Division, 1984.

vi, 30 p. : ill. ; 28 cm. — (ERS staff report ; no. AGES 840608) Distributed to depository libraries in microfiche. "July 1984"—P. ii. Bibliography: p. 27. ●Item 42-W-1 (microfiche)

1. Soil conservation—Georgia. 2. Land use, Rural—Georgia. I. Reddig, W. Grant. II. United States. Dept. of Agriculture. National Resource Economics Division. III. Title. IV. Series. OCLC 11729628

85-11997

A 93.44:AGES 840709

Swann, Nina.

Australian beef production and exports / Nina M. Swann. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, International Economics Division, 1984.

v, 18 p. : 1 map ; 28 cm. — (ERS staff report ; no. AGES 840709) Distributed to depository libraries in microfiche. Bibliography: p. 17-18. ●Item 42-W-1 (microfiche)

1. Beef industry—Australia. I. United States. Dept. of Agriculture. Economic Research Service. International Economics Division. II. Title. III. Series. OCLC 11674171

85-11998

A 93.44:AGES 840712

Frey, H. Thomas (Henry Thomas), 1927-

Major uses of land in the United States : preliminary estimates for 1982 / H. Thomas Frey, Roger W. Hexem. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, Natural Resource Economics Division, 1984.

vi, 24 p. ; 28 cm. — (ERS staff report ; no. AGES 840712) Distributed to depository libraries in microfiche. Bibliography: p. 16. ●Item 42-W-1 (microfiche)

1. Land use—United States. I. Hexem, Roger W., 1935- II. United States. Dept. of Agriculture. Natural Resource Economics Division. III. Title. IV. Series. OCLC 11729643

85-11999

A 93.44:AGES 840723

Jeremias, R. A.

Social security taxation : impacts on farm operations and proposals for tax reform / Ronald A. Jeremias, Ron L. Durst. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, National Economics Division, [1984]

ii, 42 p. : ill., forms ; 28 cm. — (ERS staff report ; no. AGES 840723) Cover title. Distributed to depository libraries in microfiche. "November 1984"—T.p. verso. Bibliography: p. 28-29. ●Item 42-W-1 (microfiche)

1. Social security taxes—United States. 2. Farmers—Taxation—United States. 3. Farm management—United States. I. Durst, Ron. II. United States. Dept. of Agriculture. National Economics Division. III. Title. IV. Series. OCLC 11780487

85-12000

A 93.44:AGES 840803

Grant, Warren R.

Factors affecting supply, demand, and prices of U.S. rice / Warren R. Grant, John Beach, William Lin. — Washington, D.C. : U.S. Dept. of Agriculture, Economic Research Service, National Economics Division, 1984.

ii, 55 p. : ill. ; 28 cm. — (ERS staff report ; no. AGES 840803) Cover title. Distributed to depository libraries in microfiche. "October 1984"—T.p. verso. Bibliography: p. 43. ●Item 42-W-1 (microfiche)

1. Rice trade—United States. I. Beach, John. II. Lin, William. III. United States. Dept. of Agriculture. National Economics Division. IV. Title. V. Series. OCLC 11724671

85-12001

A 93.44:AGES 840806

Getz, Virginia K.

In-kind benefits and the nonmetro poor / Virginia K. Getz. — [Washington, D.C.] : U.S. Dept. of Agriculture, Economic Research Service, Economic Development Division, 1984.

iv, 12 p. ; 28 cm. — (ERS staff report ; no. AGES 840806) Distributed to depository libraries in microfiche. Bibliography: p. 11-12. ●Item 42-W-1 (microfiche)

1. Urban poor—United States. 2. Rural poor—United States. 3. Supplemental security income program—United States. I. United States. Dept. of Agriculture. Economic Research Service. Economic Development Division. II. Title. III. Series. OCLC 11724662

## COOPERATIVE STATE RESEARCH SERVICE Agriculture Dept. Washington, DC 20250

85-12002

A 94.14:979/v.1

Inventory of agricultural research / issued by Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture. Beltsville, Md. : The Systems, Cooperative State Research Service, Science and Education, U.S. Dept. of Agriculture, Washington, D.C. 20250

v. ; 28 cm. (1977, v. 1-3: Agricultural reviews and manuals. Headquarters series) (1978, v. 1-3: Agricultural reviews and manuals. H)

Annual Issues prior to 1977 were classed: A 94.2:In 8/; issues for 1977-1978 were classed: A 106.12:H- Description based on: FY 1978, v. 1. Contents: v. 1. Table 1. Report covers fiscal year 1979, v. 1. Issues for (1973-) published in two or more volumes. Vols. for 1979- distributed to depository libraries in microfiche. ●Item 40-A-5 (microfiche)

1. Agriculture—Research—United States—Statistics—Periodicals. I. United States. Cooperative State Research Service. II. Technical Information Systems (U.S.) III. Series: Agricultural reviews and manuals. Headquarters series IV. Series: Agricultural reviews and manuals. H S541.U6524a 79-644640 //r83 338.1/072073 OCLC 04791832

85-12003

A 94.14:982/v.2

Inventory of agricultural research / issued by Technical Information Systems, Science and Education Administration, U.S. Department of Agriculture. Beltsville, Md. : The Systems, Cooperative State Research Service, Science and Education, U.S. Dept. of Agriculture, Washington, D.C. 20250

v. ; 28 cm. (1977, v. 1-3: Agricultural reviews and manuals. Headquarters series) (1978, v. 1-3: Agricultural reviews and manuals. H)

Annual Issues prior to 1977 were classed: A 94.2:In 8/; issues for 1977-1978 were classed: A 106.12:H- Description based on: FY 1978, v. 1. Contents: v. 2. Tables 2, 3, and 4. Report covers fiscal year 1982, v. 2. Issues for (1973-) published in two or more volumes. Vols. for 1979- distributed to depository libraries in microfiche. ●Item 40-A-5 (microfiche)

1. Agriculture—Research—United States—Statistics—Periodicals. I. United States. Cooperative State Research Service. II. Technical Information Systems (U.S.) III. Series: Agricultural reviews and manuals. Headquarters series IV. Series: Agricultural reviews and manuals. H S541.U6524a 79-644640 //r83 338.1/072073 OCLC 04791832

## FOOD AND NUTRITION SERVICE Agriculture Dept. Washington, DC 20250

85-12004

A 98.15:984

Directory of cooperating agencies / United States Department of Agriculture, Food and Nutrition Service. Washington, D.C. : The Service, U.S. Dept. of Agriculture, Food and Nutrition Service, Alexandria, Va. 22302

v. ; 28 cm.

Irregular Issues prior to May 1981 were classed: A 98.2:D 62/2/ June 1984. Description based on: May 1981. ●Item 74-A-1 ISSN 8755-7118

## Animal and Plant Health Inspection Service — Agriculture Dept.

1. Food relief — United States — States — Directories.
  2. Food stamp program — United States — States — Directories.
  3. Children — United States — States — Nutrition — Directories.
  4. †Nutrition policy — United States — Directories.
  5. †School children — Food — United States — Directories.
- I. United States. Food and Nutrition Service. PAR 84-648730 363  2 11 OCLC 04617944

### ANIMAL AND PLANT HEALTH INSPECTION SERVICE Agriculture Dept. Washington, DC 20250

85-12005

A 101.2:Em 3

Emergency programs : READEO : Regional Emergency Animal Disease Eradication Organization. — Rev. July 1984. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Animal and Plant Health Inspection Service, Veterinary Services, 1984.

24 p. : 1 map, 1 chart ; 28 cm.  Item 30-A-5

1. Regional Emergency Animal Disease Eradication Organization (U.S.) 2. Veterinary medicine — United States. I. United States. Animal and Plant Health Inspection Service. Veterinary Services. II. Title: READEO. III. Title: Regional Emergency Animal Disease Eradication Organization. OCLC 11684987

85-12006

A 101.10/2:91-42/4

National poultry improvement plan. Directory of participants handling waterfowl, exhibition poultry, and game birds. Beltsville, Md. : Agricultural Research (Northeastern Region), Science and Education Administration, U.S. Dept. of Agriculture, Animal and Plant Health Inspection Service, Veterinary Services, U.S. Dept. of Agriculture, Room 828, FCB #1, Hyattsville, Md. 20705

v. ; 28 cm. ((1979-), National poultry improvement plan report)

Annual Title from cover. "APHIS 91-42 (Mar. 1984)" Previously classed: A 106.22: 1984. Description based on: 1979. Vols. for (1981, 1984-) distributed to depository libraries in microfiche. With: National poultry improvement plan. Directory of participants handling egg-type and meat-type chickens and turkeys, ISSN 0271-793X, continues: Directory of participants handling egg-type and meat-type chickens and turkeys.  Item 30-A-1 (microfiche) ISSN 0271-7948

1. National poultry improvement plan — Directories. 2. Poultry industry — United States — Directories. 3. Game bird culture — United States — Directories. I. United States. Animal and Plant Health Inspection Service. Veterinary Services. II. United States. Science and Education Administration. Agricultural Research. Northeast Region. III. Series: National poultry improvement plan report. SF481.25.N374 80-645050 //r82 636.5/0025/73 OCLC 06396984

### FEDERAL GRAIN INSPECTION SERVICE Agriculture Dept. Washington, DC 20250

85-12007

A 104.1:983

United States. Federal Grain Inspection Service.

Annual report to Congress / United States Department of Agriculture, Federal Grain Inspection Service. [Washington, D.C.] : The Service, U.S. Dept. of Agriculture, Federal Grain Inspection Service, Washington, DC 20250  
v. ; 28 cm.

Page 20

Annual Title from cover. 1983. Description based on: 1982. Vols. for (1982-) distributed to depository libraries in microfiche.  Item 31-B-04 (microfiche)

1. United States. Federal Grain Inspection Service — Periodicals. I. Title. OCLC 10515395

### AGRICULTURAL COOPERATIVE SERVICE Agriculture Dept. Washington, DC 20250

85-12008

A 109.10:21

Cooperative grain trade opportunities in eastern Europe. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Agricultural Cooperative Service, 1984.

vii, 106 p. : ill., 4 maps ; 28 cm. — (ACS research report ; no. 21) Cover title. Distributed to depository libraries in microfiche. "May 1984"—P. 2 of cover. Bibliography: p. 82-83.  Item 64-A (microfiche)

1. Grain — Europe, Eastern — Cooperative marketing. 2. Grain trade — Europe, Eastern. 3. †Grain — Europe, Eastern — Cooperative marketing. 4. †Grain trade — Europe, Eastern. I. United States. Agricultural Cooperative Service. II. Series. OCLC 11052141

85-12009

A 109.10:40

Stafford, Thomas H.

Marketing operations of dairy cooperatives / Thomas H. Stafford and James B. Roof. — [Washington, D.C.?] : U.S. Dept. of Agriculture, Agricultural Cooperative Service, 1984.

v, 27, [14] p. : ill., maps ; 22 cm. — (ACS research report ; no. 40) Cover title. Distributed to depository libraries in microfiche. "July 1984"—P. [2] of cover.  Item 64-A (microfiche)

1. Dairying, Cooperative. 2. Dairy products — Cooperative marketing. 3. †Dairying, Cooperative — United States. 4. †Agriculture, Cooperative — United States. I. Roof, James B. (James Bergen), 1931- II. United States. Agricultural Cooperative Service. III. Title. IV. Series: ACS research report ; no. 40. OCLC 11689576

85-12010

A 109.10/2:4/2

Ingalsbe, Gene.

Farmer cooperative publications / [compiled by Gene Ingalsbe and C.H. Kirkman, Jr.]. — Rev. July 1984. — Washington, D.C. : U.S. Dept. of Agriculture, Agricultural Cooperative Service, 1984.

v, 57 p. : ill. ; 22 cm. — (Cooperative information report ; no. 4) Cover title. Distributed to depository libraries in microfiche.  Item 65-B (microfiche)

1. Agriculture, Cooperative — United States — Bibliography. I. Kirkman, C. H. II. United States. Agricultural Cooperative Service. III. Title. IV. Series: Cooperative information report ; 4. OCLC 11613457

### ACTION Washington, DC 20525

85-12011

AA 1.2:Am 3

Martin, Terry H.

An American sunrise : the Vietnam Veterans Leadership Program : a history of ACTION's three-year veteran's initiative : technical report / prepared by Terry H. Martin, consultant. — Washington, D.C. : ACTION, [1984]

vii leaves, 113, [100] p. : ill., 1 map : 28 cm. "September 30, 1984." ●Item 74-C-3

1. Volunteer workers in rehabilitation — United States. 2. Volunteer workers in social service — United States. 3. Veterans — United States. 4. Leadership. I. United States. ACTION. II. Title. OCLC 11724642

85-12012

AA 1.2:Am 3/sum.

An American sunrise : the Vietnam Veterans Leadership Program : a history of ACTION's three-year veteran's initiative : summary. — Washington, D.C. : ACTION, [1984]

8 p. : 28 cm. "September 30, 1984." ●Item 74-C-3

1. Volunteer workers in rehabilitation — United States. 2. Volunteer workers in social service — United States. 3. Veterans — United States. 4. Leadership. I. United States. ACTION. OCLC 11724636

85-12013

AA 1.2:Se 5

The Senior Companion Program : the finest tradition of neighbor helping neighbor. — Washington, D.C. : ACTION, [1984?]

1 folded sheet (8 p.) : col. ill. : 22 x 9 cm. ●Item 74-C-3

1. Aged volunteers in social service — United States. I. United States. ACTION. OCLC 11770477

85-12014

AA 1.2:W 62

Who needs you? : we do! : ACTION, the National Volunteer Agency needs you to be an important member of Young Volunteers in Action. — Washington, D.C. : ACTION, [1984?]

1 folded sheet (8 p.) : col. ill. : 23 x 10 cm. ●Item 74-C-3

1. United States. ACTION. I. United States. ACTION. OCLC 11729633

## COMMERCE DEPARTMENT

Washington, DC 20230

85-12015

C 1.1/2:983-2

United States. Dept. of Commerce. Office of the Inspector General.

Semiannual report to the Congress / Office of Inspector General. [Washington, D.C.] : The Office, U.S. Dept. of Commerce, Inspector General, Wash., DC 20230 v. : 28 cm.

Semiannual Oct. 1, 1983-Mar. 31, 1984. Description based on: Apr. 1-Sept. 30, 1982. Vols. for (Apr.-Sept. 1982-) distributed to depository libraries in microfiche. ●Item 126-D-11 (microfiche) ISSN 0740-2988 Continues: United States. Dept. of Commerce. Office of the Inspector General. Semiannual report of the Inspector General

1. United States. Dept. of Commerce. Office of the Inspector General 2. United States. Dept. of Commerce Key Title: Semiannual report to the Congress - United States. Dept. of Commerce. Office of Inspector General I. Title. HF3031.U553a 83-645716 353.82  2 19 OCLC 09745753

85-12016

C 1.8/4:9/3

Aviation weather observations : for Supplementary Aviation Weather Reporting Stations (SAWRS) and limited Aviation Weather Reporting Stations (LAWRS). — Oct. 1, 1984 ed. — Washington, D.C. : U.S. Dept. of Commerce : U.S. Dept. of Transportation, [1984]

1 v. (loose-leaf) : ill., forms : 28 cm. — (Federal meteorological handbook ; no. 9) ●Item 128-A-1

1. Weather forecasting — Handbooks, manuals, etc. 2. Meteorology in aeronautics. I. United States. Dept. of Com-

merce. II. United States. Dept. of Transportation. III. Series. OCLC 11694315

## CENSUS BUREAU

Commerce Dept.

Suitland, MD 20233

85-12017

C 3.2:C 33/37

America's fact finder, the Census Bureau : your introduction to ... mines. — [Washington, D.C.] : The Bureau, [1985?]

1 folded sheet (8 p.) : col. ill. : 22 x 10 cm. "D-3200."

●Item 146

1. United States. Bureau of the Census. I. United States. Bureau of the Census. OCLC 11770239

85-12018

C 3.2:F 11/2

Fact sheet for the Survey of Income and Program Participation. — [Washington, D.C.?] : U.S. Dept. of Commerce, Bureau of the Census, 1985.

1 folded sheet (6 p.) : ill. : 22 x 10 cm. "SIPP-4006A."

●Item 146

1. United States — Economic conditions — 1981- 2. Income distribution — United States. I. United States. Bureau of the Census. OCLC 11770280

85-12019

C 3.2:St 2/10/985-86

Statistical training programs, 1985-1986. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census, International Statistical Programs Center, [1985?]

56 p. : 28 cm. ●Item 146

1. International Statistical Programs Center (U.S.). Training Branch 2. Statistics — Study and teaching — United States. I. International Statistical Programs Center (U.S.) OCLC 11766127

85-12020

C 3.24/3:MC 82-A-2 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Geographic area series. Middle Atlantic States (New Jersey, New York, Pennsylvania). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

30 p. : 28 cm. "Issued October 1984." "MC82-A-2(P)"

●Item 135 S/N 003-024-90802-6 @ GPO \$1.50

1. Middle Atlantic States — Manufactures — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Middle Atlantic States. OCLC 11738065

85-12021

C 3.24/3:MC 82-A-5 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Geographic area series. South Atlantic States (Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

47 p. : 28 cm. "Issued November 1984." "MC82-A-5(P)"

●Item 137-A-8 S/N 003-024-90805-1 @ GPO \$2.00

1. South Atlantic States — Manufactures — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, South Atlantic States. OCLC 11738045

# Census Bureau — Commerce Dept.

85-12022

C 3.24/3:MC 82-A-9 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Geographic area series. Pacific States (Alaska, California, Hawaii, Oregon, Washington). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

23 p. ; 28 cm. Caption title. "Issued October 1984." "MC82-A-9(P)" ●Item 135 S/N 003-024-90809-3 @ GPO \$1.50

1. Pacific States — Manufactures — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Pacific States (Alaska, California, Hawaii, Oregon, Washington) OCLC 11739958

85-12023

C 3.24/8:MC 82-I-20 A-1 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Meat packing plants, sausages and other prepared meats (industries 2011 and 2013). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

13 p. ; 28 cm. Caption title. "Issued October 1984." "MC82-I-20A-1(P)" ●Item 135 S/N 003-024-90155-2 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Packing-houses — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, meat packing plants, sausages and other prepared meats (industries 2011 and 2013) IV. Title: Meat packing plants, sausages and other prepared meats (industries 2011 and 2013) OCLC 11673939

85-12024

C 3.24/8:MC 82-I-22 A-2 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Weaving mills, manmade fiber and silk (industry 2221). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

17 p. ; 28 cm. Caption title. "Issued August 1984." "MC82-I-22A-2(P)" ●Item 135 S/N 003-024-90202-8 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Textile industry — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, weaving mills, manmade fiber and silk (industry 2221) IV. Title: Weaving mills, manmade fiber and silk (industry 2221) OCLC 11673953

85-12025

C 3.24/8:MC 82-I-22 C-3 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Finishing mills, N.E.C. (industry 2269). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

8 p. ; 28 cm. Caption title. "Issued August 1984." "MC82-I-22C-3(P)" ●Item 135 S/N 003-024-90214-1 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Textile industry — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, finishing mills, N.E.C. (industry 2269) IV. Title: Finishing mills, N.E.C. (industry 2269) OCLC 11673971

85-12026

C 3.24/8:MC 82-I-23 A-7 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Men's and boys' clothing, N.E.C. (industry 2329). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

7 p. ; 28 cm. Caption title. "Issued August 1984." "MC82-I-23A-7(P)" ●Item 135 S/N 003-024-90237-1 @ GPO \$1.00

1. Clothing trade — United States — Statistics. 2. United States — Manufactures — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Preliminary report, industry series, men's and boys' clothing, N.E.C. (industry 2329) IV. Title: Industry series, men's and boys' clothing, N.E.C. (industry 2329) V. Title: Men's and boys' clothing, N.E.C. (industry 2329) OCLC 11769843

85-12027

C 3.24/8:MC 82-I-23 C-7 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Children's outerwear, N.E.C. (industry 2369). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

8 p. ; 28 cm. Caption title. "Issued August 1984." "MC82-I-23C-7(P)" ●Item 135 S/N 003-024-90248-6 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Children's clothing — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, children's outerwear, N.E.C. (industry 2369) IV. Title: Children's outerwear, N.E.C. (industry 2369) OCLC 11673982

85-12028

C 3.24/8:MC 82-I-23 D-4 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Waterproof outerwear (industry 2385). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

6 p. ; 28 cm. Caption title. "Issued August 1984." "MC82-I-23D-4(P)" ●Item 135 S/N 003-024-90252-4 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Clothing, Waterproof — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, waterproof outerwear (industry 2385) IV. Title: Waterproof outerwear (industry 2385) OCLC 11673995

85-12029

C 3.24/8:MC 82-I-29 A-1 (P)/rev.

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Petroleum refining, lubricating oils and greases (industries 2911 and 2992). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

12 p. ; 28 cm. Caption title. "Issued October 1984." "MC82-I-29A-1(P)" ●Item 135 S/N 003-024-90354-7 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Petroleum industry and trade — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, petroleum refining, lubricating oils and greases (industries 2911 and 2992) IV. Title: Petroleum refining, lubricating oils and greases (industries 2911 and 2992) OCLC 11739942

85-12030

C 3.24/8:MC 82-1-32 A-3 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Pressed and blown glass, N.E.C. (industry 3229). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984] 8 p. : 28 cm. Caption title. "Issued August 1984." "MC82-1-32A-3(P)" ●Item 135 S/N 003-024-90377-6 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Glass manufacture — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, pressed and blown glass, N.E.C. (industry 3229) IV. Title: Pressed and blown glass, N.E.C. (industry 3229) OCLC 11674005

85-12031

C 3.24/8:MC 82-1-33 D-6 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Nonferrous wire drawing and insulating (industry 3357). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984] 14 p. : 28 cm. Caption title. "Issued August 1984." "MC82-1-33D-6(P)" ●Item 135 S/N 003-024-90425-0 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Wire industry — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, nonferrous wire drawing and insulating (industry 3357) IV. Title: Nonferrous wire drawing and insulating (industry 3357) OCLC 11674024

85-12032

C 3.24/8:MC 82-1-35 B-1 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Construction machinery (industry 3531). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984] 13 p. : 28 cm. Caption title. "Issued August 1984." "MC82-1-35B-1(P)" ●Item 135 S/N 003-024-90468-3 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Construction equipment industry — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, construction machinery (industry 3531) IV. Title: Construction machinery (industry 3531) OCLC 11674040

85-12033

C 3.24/8:MC 82-1-37 C-6 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Industry series. Tanks and tank components (industry 3795). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984] 6 p. : 28 cm. Caption title. "Issued August 1984." "MC82-1-37C-6(P)" ●Item 135 S/N 003-024-90560-4 @ GPO \$1.00

1. United States — Manufactures — Statistics. 2. Tanks (Military science) — Statistics. 3. Tracklaying vehicles — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, tanks and tank components (industry 3795) IV. Title: Tanks and tank components (industry 3795) OCLC 11674048

85-12034

C 3.24/12:MC 82-S-3 (P)

Census of manufactures (1982). Preliminary report.

1982 census of manufactures. Preliminary report. Subject series. Textile machinery in place (major group 22). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984] 10 p. : 28 cm. Caption title. "Issued September 1984." "MC82-S-3(P)" ●Item 135 S/N 003-024-06073-6 @ GPO \$1.25

1. United States — Manufactures — Statistics. 2. Textile machinery — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Subject series, textile machinery in place (major group 22) IV. Title: Textile machinery in place (major group 22) OCLC 11739952

85-12035

C 3.32:983

Cotton ginnings in the United States. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Customer Services (Publications), Bureau of the Census, Customer Services (Publications), Bureau of the Census, Washington, D.C. 20233 v. : 28 cm.

Annual Title from cover. "A 30-83" Issues for 1971-1974 were classed: C 56.239/2: Crop of 1983. Description based on: Crop of 1980. ●Item 141 ISSN 0093-433X

1. Cotton gins and ginning — United States — Statistics — Periodicals. 2. Cotton growing — United States — Statistics — Periodicals. I. United States. Bureau of the Census. SB249.U545a 74-647273 //r83 633/.51/6 OCLC 01795775

85-12036

C 3.158:M 32 D (82)-1

Current industrial reports. M-32D, Clay construction products / U.S. Department of Commerce, Bureau of the Census. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402 v. : 27 cm.

Monthly with annual summary \$20.00 Prior to Jan. 1976 issues were classed C 56.216: M 32 D during the time the Census Bureau was subordinate to the Social and Economic Statistics Administration. Summary for 1982. Description based on: Jan. 1979; title from caption. Predicasts Chemical abstracts ISSN 0009-2258 Indexed by: American statistics index ISSN 0091-1658 ●Item 142-A S/N 703-085-00000-8 ISSN 0364-2720 : CODEN: CCCPDS

1. Clay industries — United States — Statistics — Periodicals. 2. Brick trade — United States — Statistics — Periodicals. 3. Building materials industry — United States — Statistics — Periodicals. I. United States. Bureau of the Census. Key Title: Clay construction products HD9591.1.C87 82-642997 338.4/76914/0973  2 19 OCLC 02549892

85-12037

C 3.158:MA-24 T (83)-1

Current industrial reports. MA-24T, Lumber production and mill stocks / U.S. Department of Commerce, Bureau of the Census. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402 v. : ill. : 28 cm.

Annual \$1.25 Issues for 1970-1974 were classed: C 56.216:MA-24 T 1983. Description based on: 1979; caption title. ●Item 142-A S/N 003-024-05962-2 ISSN 0276-5551

## Census Bureau — Commerce Dept.

1. Lumber trade — United States — Statistics — Periodicals. I. United States. Bureau of the Census. HD9751.L85 81-640967 //r83 338.4/7674/0973 OCLC 03054373

85-12038

C 3.158:MA-28 A (83)-1

Current industrial reports. MA-28A, Inorganic chemicals / U.S. Department of Commerce, Bureau of the Census. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. : ill. ; 28 cm.

Annual

\$16.00 Title from caption. 1983. Description based on: 1979. ●Item 142-A S/N 703-068-00000-6

1. Chemicals — Manufacture and industry — United States — Statistics — Periodicals. I. United States. Bureau of the Census. OCLC 09607473

85-12039

C 3.158:MA-28 C (83)-1

Current industrial reports. MA-28C, Industrial gases / U.S. Department of Commerce, Bureau of the Census. [Washington, D.C.] : Dept. of Commerce, Bureau of the Census : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. ; 28 cm.

Annual

\$16.00

Began with 1978. Previously classed: C 3.158:M 28 C 1983. Description based on: 1979; title from caption. Issues prior to 1978 were designated no. 13 of M28C, Industrial gases. ●Item 142-A S/N 703-067-00000-0

1. Gas industry — United States — Statistics — Periodicals. I. United States. Bureau of the Census. HD9581.U49C87 82-647217 338.4/7667/0973 ♢2 19 OCLC 05960561

85-12040

C 3.158:MA 33 B (83)-1

Steel mill products (United States. Bureau of the Census)

Current industrial reports. MA-33B, Steel mill products / U.S. Department of Commerce, Bureau of the Census. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm.

Annual

\$1.75 Title from caption. Issues for 1971-1974 were classed: C 56.216:MA-33 B 1983. Description based on: 1976; title from caption. ●Item 142-A S/N 003-024-05977-1 ISSN 0275-6862

1. Steel industry and trade — United States — Statistics — Periodicals. I. United States. Bureau of the Census. HD9514.S674a 81-640169 //r83 338.4/7672/0973 OCLC 03048771

85-12041

C 3.164:155/983/v.2

U.S. general imports. World area and country of origin by schedule A commodity groupings. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., 1983- Supt. of Docs., U.S. G.P.O., Wash., D.C. 20402

v. ; 28 cm.

Annual

\$19.00

1982 Dec. and annual- "FT 155." 1983, v. 2. Issues for 1982- published in two vols. Vols. for (1982-) distributed to depository libraries in microfiche. ●Item 144-A-4 (microfiche) S/N 003-024-05660-7 ISSN 0742-7336 Continues:

U.S. general imports. World area by commodity groupings ISSN 0097-7756

1. United States — Commerce — Statistics — Periodicals. 2. Commercial products — United States — Statistics — Periodicals. 3. Commercial products — United States — Classification — Periodicals. 4. Commercial products — Statistics — Periodicals. 5. Commercial products — Classification — Periodicals. I. United States. Bureau of the Census. HF105.C137172 84-641046 382/.5/0973 ♢2 19 OCLC 10270217

85-12042

C 3.164:450/983

U.S. exports. Schedule E commodity groupings by world area and country. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., 1983- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 28 cm.

Annual

\$22.00

1982 Dec. and annual- "FT 450." 1983. Vols. for 1982- distributed to depository libraries in microfiche. ●Item 144-A-8 (microfiche) S/N 003-024-05655-1 ISSN 0742-7344 Continues: U.S. exports. Commodity groupings by world area ISSN 0360-1471

1. United States — Commerce — Statistics — Periodicals. 2. Commercial products — United States — Statistics — Periodicals. 3. Commercial products — Classification — Periodicals. I. United States. Bureau of the Census. HF105.C137152 84-641135 382/.6/0973 ♢2 19 OCLC 10164474

85-12043

C 3.186:P-20/395

Fertility of American women. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. ; 28 cm. (Current population reports. Series P-20, Population characteristics ; no. 395)

Annual

\$1.00

Began with June 1975. June 1983. Description based on: June 1979. Advance report for 1976 issued as: Prospects for American fertility; for 1977- issued as: Fertility of American women ... advance report. ●Item 142-C-1 S/N 003-001-90785-2 ISSN 0272-6505 Continues: Fertility expectations of American women

1. Fertility, Human — United States — Statistics — Periodicals. 2. Childbirth — United States — Statistics — Periodicals. I. United States. Bureau of the Census. II. Series. [DNLM 1. Birth Rate — United States — periodicals. 2. Fertility — United States — statistics. 3. Population Growth — United States — statistics. W2 A B9cu no.301 etc.] sn-80002741 OCLC 06860275

85-12044

C 3.186:P-23/135

Palumbo, Thomas J.

Selected characteristics of persons in engineering, 1978 / Thomas J. Palumbo. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., [1984- ]

1 v. (loose-leaf) : ill., forms ; 28 cm. — (Current population reports. Series P-23, Special studies ; no. 135) "Issued June 1984." Includes bibliographical references. ●Item 142-C-2 S/N 003-001-91552-9 @ GPO \$2.00

I. Engineers — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Series. OCLC 10993360

85-12045

C 3.215:H-150-83/pt.C

Current housing reports. Series H-150. Annual housing survey. United States and regions. Part C. Financial characteristics of the housing inventory. Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : maps ; 28 cm.

Annual

\$9.50

Began with 1973. 1983. Description based on: 1979.

●Item 141-A S/N 003-024-06134-1 ISSN 0192-1894

I. Housing — United States — Finance — Statistics — Periodicals. 2. Housing surveys — United States — Statistics — Periodicals. I. United States. Bureau of the Census. II. United States. Dept. of Housing and Urban Development. III. United States. Dept. of Housing and Urban Development. Office of Policy Development and Research. Key Title: Annual housing survey, United States and regions. Part C. Financial characteristics of the housing inventory. HD7293.A1U53a 79-644070 //r82 338.4/3 OCLC 03790142

85-12046

C 3.245/3:CC 82-1-2

Census of construction industries (1982).

1982 census of construction industries. Industry series. General contractors, residential buildings, other than single-family houses, industry 1522. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

I v. (various pagings) ; 28 cm. "Issued November 1984." "CC82-1-2." ●Item 133-D-2 S/N 003-024-91097-7 @ GPO \$2.00

I. Construction industry — United States — Statistics. 2. House construction — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, general contractors, residential buildings, other than single-family houses, industry 1522. IV. Title: General contractors, residential buildings, other than single-family houses, industry 1522. OCLC 11694293

85-12047

C 3.252/5/4

Reference sources. — Rev. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : [For sale by Data User Services Division, Customer Services, Bureau of the Census, 1984]

10 p. : ill. ; 28 cm. — (Factfinder for the nation ; CFF no. 5) Caption title. "Issued November 1984." ●Item 131-F

I. United States — Census — Bibliography. 2. United States — Government publications. I. United States. Bureau of the Census. II. Series. OCLC 11694645

85-12048

C 3.255/2:RC 82-A-36

Census of retail trade (1982). Geographic area series.

1982 census of retail trade. Geographic area series. Ohio. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

I v. (various pagings) : forms ; 28 cm. "Issued November 1984." "RC82-A-36." ●Item 132-A-35 S/N 003-024-90986-3 @ GPO \$5.00

I. Retail trade — Ohio — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Ohio. OCLC 11769827

85-12049

C 3.255/3-2:RC 82-1-8 (P)

Census of retail trade (1982). Preliminary report.

1982 census of retail trade. Preliminary report. Industry series. Grocery stores (industry 5411). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

4 p. ; 28 cm. Caption title. "Issued May 1984." "RC82-1-8(P)" ●Item 133 S/N 003-024-90711-9 @ GPO \$1.00

I. Retail trade — United States — Statistics. 2. Grocery trade — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, grocery stores (industry 5411) IV. Title: Grocery stores (industry 5411) OCLC 11739890

85-12050

C 3.255/3-2:RC 82-1-33 (P)

Census of retail trade (1982). Preliminary report.

1982 census of retail trade. Preliminary report. Industry series. Mail order houses (industry 5961). — [Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984]

4 p. ; 28 cm. Caption title. "Issued May 1984." "RC82-1-33(P)" ●Item 133 S/N 003-024-90734-8 @ GPO \$1.00

I. Retail trade — United States — Statistics. 2. Mail order business — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Industry series, mail order houses (industry 5961) IV. Title: Mail order houses (industry 5961) OCLC 11739911

85-12051

C 3.255/5:RC 82-C-6

Census of retail trade (1982).

1982 census of retail trade. Major retail centers in standard metropolitan statistical areas. Colorado. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

42 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "RC82-C-6." ●Item 132-A-6 S/N 003-024-91816-1 @ GPO \$2.50

I. Retail trade — Colorado — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Major retail centers in standard metropolitan statistical areas, Colorado. OCLC 11654525

85-12052

C 3.255/5:RC 82-C-45

Census of retail trade (1982).

1982 census of retail trade. Major retail centers in standard metropolitan statistical areas. Utah. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

26 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "RC82-C-45." ●Item 132-A-44 S/N 003-024-91855-2 @ GPO \$2.00

I. Retail trade — Utah — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Major retail centers in standard metropolitan statistical areas, Utah. OCLC 11654519

85-12053

C 3.256/2:WC 82-A-1

Census of wholesale trade (1982). Geographic area series.

1982 census of wholesale trade. Geographic area series. Alabama. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

I v. (various pagings) : 1 form ; 28 cm. "Issued November 1984." Includes index. "WC82-A-1." ●Item 132-B-1 S/N 003-024-90851-4 @ GPO \$2.75

## Census Bureau — Commerce Dept.

1. Wholesale trade — Alabama — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Alabama. OCLC 11752460

85-12054

C 3.256/2:WC 82-A-4

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. Arkansas. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

49 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "WC82-A-4." ●Item 132-B-4 S/N 003-024-90854-9 @ GPO \$2.25

1. Wholesale trade — Arkansas — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Arkansas. OCLC 11664121

85-12055

C 3.256/2:WC 82-A-7

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. Connecticut. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

55 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "WC82-A-7." ●Item 132-B-7 S/N 003-024-90857-3 @ GPO \$3.00

1. Wholesale trade — Connecticut — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Connecticut. OCLC 11654451

85-12056

C 3.256/2:WC 82-A-8

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. Delaware. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

40 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "WC82-A-8." ●Item 132-B-8 S/N 003-024-90858-1 @ GPO \$2.25

1. Wholesale trade — Delaware — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Delaware. OCLC 11654460

85-12057

C 3.256/2:WC 82-A-10

Census of wholesale trade (1982)

1982 census of wholesale trade. Geographic area series. Florida. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

1 v. (various pagings) : 1 form ; 28 cm. "Issued November 1984." Includes bibliographical references. "WC82-A-10." ●Item 132-B-9 S/N 003-024-90860-3 @ GPO \$4.50

1. Wholesale trade — Florida — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Florida. OCLC 11750205

85-12058

C 3.256/2:WC 82-A-14

Census of wholesale trade (1982)

1982 census of wholesale trade. Geographic area series. Illinois. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

1 v. (various pagings) : 1 form ; 28 cm. "Issued November 1984." Includes bibliographical references. "WC82-A-14." ●Item 132-B-13 S/N 003-024-90864-6 @ GPO \$4.25

1. Wholesale trade — Illinois — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Illinois. OCLC 11750321

85-12059

C 3.256/2:WC 82-A-16

Census of wholesale trade (1982)

1982 census of wholes trade. Geographic area series. Iowa. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

1 v. (various pagings) : 1 form ; 28 cm. Issued December 1984. Includes bibliographical references. "WC82-A-16." ●Item 132-B-15 S/N 003-024-90866-2 @ GPO \$3.00

1. Wholesale trade — Iowa. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Iowa. OCLC 11750360

85-12060

C 3.256/2:WC 82-A-17

Census of wholesale trade (1982). Geographic area series.

1982 census of wholesale trade. Geographic area series. Kansas. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

1 v. (various pagings) : 1 form ; 28 cm. "Issued November 1984." "WC82-A-17." ●Item 132-B-16 S/N 003-024-90867-1 @ GPO \$2.75

1. Wholesale trade — Kansas — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Kansas. OCLC 11752179

85-12061

C 3.256/2:WC 82-A-18

Census of wholesale trade (1982). Geographic area series.

1982 census of wholesale trade. Geographic area series. Kentucky. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

54 p. in various pagings : 1 form ; 28 cm. "Issued December 1984." "WC82-A-18." Includes bibliographical references and index. ●Item 132-B-17 S/N 003-024-91638-0 @ GPO \$2.50

1. Wholesale trade — Kentucky — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Kentucky. OCLC 11654600

85-12062

C 3.256/2:WC 82-A-21

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. Maryland. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

50 p. in various pagings : 1 form ; 28 cm. "Issued October 1984." "WC82-A-21." ●Item 132-B-20 S/N 003-024-90871-9 @ GPO \$2.75

1. Wholesale trade — Maryland — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Maryland. OCLC 11654469

85-12063

C 3.256/2:WC 82-A-23

Census of wholesale trade (1982)

1982 census of wholesale trade. Geographic area series. Michigan. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

1 v. (various pagings) : 1 form ; 28 cm. "Issued December 1984." Includes bibliographical references. "WC82-A-23." ●Item 132-B-22 S/N 003-024-90873-5 @ GPO \$3.25

1. Wholesale trade — Michigan — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Michigan. OCLC 11750275

85-12064

C 3.256/2:WC 82-A-25

Census of wholesale trade (1982). Geographic area series.

1982 census of wholesale trade. Geographic area series. Mississippi. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

48 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "WC82-A-25." Includes bibliographical references and index. ●Item 132-B-24 S/N 003-024-90875-1 @ GPO \$2.50

1. Wholesale trade — Mississippi — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Mississippi. OCLC 11651685

85-12065

C 3.256/2:WC 82-A-26

Census of wholesale trade (1982). Geographic area series.

1982 census of wholesale trade. Geographic area series. Missouri. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

62 p. in various pagings : 1 form ; 28 cm. "Issued December 1984." "WC82-A-26." Includes bibliographical references and index. ●Item 132-B-25 S/N 003-024-90876-0 @ GPO \$2.50

1. Wholesale trade — Missouri — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Missouri. OCLC 11654523

85-12066

C 3.256/2:WC 82-A-31

Census of wholesale trade (1982). Geographic area series.

1982 census of wholesale trade. Geographic area series. New Jersey. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

1 v. (various pagings) : forms ; 28 cm. "Issued October 1984." "WC82-A-31." ●Item 132-B-30 S/N 003-024-90881-6 @ GPO \$4.50

1. Wholesale trade — New Jersey — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, New Jersey. OCLC 11769833

85-12067

C 3.256/2:WC 82-A-33

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. New York. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

82 p. in various pagings : 1 form ; 28 cm. "Issued October 1984." "WC82-A-33." ●Item 132-B-32 S/N 003-024-90883-2 @ GPO \$4.50

1. Wholesale trade — New York (State) — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, New York. OCLC 11654475

85-12068

C 3.256/2:WC 82-A-34

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. North Carolina. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

67 p. in various pagings : 1 form ; 28 cm. "Issued October 1984." "WC82-A-34." ●Item 132-B-33 S/N 003-024-90884-1 @ GPO \$3.00

1. Wholesale trade — North Carolina — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, North Carolina. OCLC 11654485

85-12069

C 3.256/2:WC 82-A-35

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. North Dakota. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

41 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "WC82-A-35." ●Item 132-B-34 S/N 003-024-90885-9 @ GPO \$2.25

1. Wholesale trade — North Dakota — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, North Dakota. OCLC 11654496

85-12070

C 3.256/2:WC 82-A-39

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. Pennsylvania. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

83 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "WC82-A-39." ●Item 132-B-38 S/N 003-024-90889-1 @ GPO \$4.50

1. Wholesale trade — Pennsylvania — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Pennsylvania. OCLC 11654510

85-12071

C 3.256/2:WC 82-A-41

Census of wholesale trade (1982). Geographic area series.

1982 census of wholesale trade. Geographic area series. South Carolina. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

1 v. (various pagings) : forms ; 28 cm. "Issued November 1984." "WC82-A-41." ●Item 132-B-40 S/N 003-024-90891-3 @ GPO \$2.50

1. Wholesale trade — South Carolina — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, South Carolina. OCLC 11769839

85-12072

C 3.256/2:WC 82-A-49

Census of wholesale trade (1982).

1982 census of wholesale trade. Geographic area series. West Virginia. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

44 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "WC82-A-49." ●Item 132-B-48 S/N 003-024-90899-9 @ GPO \$2.25

1. Wholesale trade — West Virginia — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, West Virginia. OCLC 11654502

85-12073

C 3.256/2:WC 82-A-50

Census of wholesale trade (1982). Geographic area series.

1982 census of wholesale trade. Geographic area series. Wisconsin. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

58 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." Includes bibliographical references and index.

## Census Bureau — Commerce Dept.

"WC82-A-50." ●Item 132-B-49 S/N 003-024-90900-6 @ GPO \$3.00

I. Wholesale trade — Wisconsin — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Wisconsin. OCLC 11657026

85-12074

C 3.256/2:WC 82-A-52

Census of wholesale trade (1982)

1982 census of wholesale trade. Geographic area series. United States. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

I v. (various pagings) : 1 form ; 28 cm. "Issued December 1984." Includes bibliographical references. "WC82-A-52." ●Item 132-B-52 S/N 003-024-90902-2 @ GPO \$5.00

I. Wholesale trade — United States — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, United States. OCLC 11750163

85-12075

C 3.257/2:SC 82-A-3

Census of service industries (1982).

1982 census of service industries. Geographic area series. Arizona. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

76 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "SC82-A-3." ●Item 132-C-3 S/N 003-024-91013-6 @ GPO \$3.00

I. Service industries — Arizona — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Arizona. OCLC 11664079

85-12076

C 3.257/2:SC 82-A-4

Census of service industries (1982).

1982 census of service industries. Geographic area series. Arkansas. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984.

84 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "SC82-A-4." ●Item 132-C-4 S/N 003-024-91014-4 @ GPO \$3.25

I. Service industries — Arkansas — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Arkansas. OCLC 11664093

85-12077

C 3.257/2:SC 82-A-10

Census of service industries (1982).

1982 census of service industries. Geographic area series. Florida. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

153 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "SC82-A-10." ●Item 132-C-9 S/N 003-024-91020-9 @ GPO \$5.50

I. Service industries — Florida — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Florida. OCLC 11664103

85-12078

C 3.257/2:SC 82-A-19

Census of service industries (1982).

1982 census of service industries. Geographic area series. Louisiana. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

101 p. in various pagings : 1 form ; 28 cm. "Issued October 1984." "SC82-A-19." ●Item 132-C-18 S/N 003-024-91029-2 @ GPO \$4.50

I. Service industries — Louisiana — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Louisiana. OCLC 11664113

85-12079

C 3.257/2:SC 82-A-22

Census of service industries (1982).

1982 census of service industries. Geographic area series. Massachusetts. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

129 p. in various pagings : 1 form ; 28 cm. "Issued October 1984." "SC82-A-22." ●Item 132-C-21 S/N 003-024-91032-2 @ GPO \$4.75

I. Service industries — Massachusetts — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Massachusetts. OCLC 11664040

85-12080

C 3.257/2:SC 82-A-25

Census of service industries (1982).

1982 census of service industries. Geographic area series. Mississippi. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984.

75 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "SC82-A-25." ●Item 132-C-24 S/N 003-024-91035-7 @ GPO \$3.00

I. Service industries — Mississippi — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Mississippi. OCLC 11664068

85-12081

C 3.257/2:SC 82-A-28

Census of service industries (1982).

1982 census of service industries. Geographic area series. Nebraska. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., 1984.

71 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "SC82-A-28." ●Item 132-C-27 S/N 003-024-91038-1 @ GPO \$3.00

I. Service industries — Nebraska — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Nebraska. OCLC 11664058

85-12082

C 3.257/2:SC 82-A-35

Census of service industries (1982). Geographic area series.

1982 census of service industries. Geographic area series. North Dakota. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

I v. (various pagings) : forms ; 28 cm. "Issued November 1984." "SC82-A-35." ●Item 132-C-34 S/N 003-024-91045-4 @ GPO \$2.75

I. Service industries — North Dakota — Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, North Dakota. OCLC 11769825

85-12083

C 3.257/2:SC 82-A-37

Census of service industries (1982)

1982 census of service industries. Geographic area series. Oklahoma. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

86 p. in various pagings : 1 form ; 28 cm. "Issued November 1984." "SC82-A-37." ●Item 132-C-36 S/N 003-024-91047-1 @ GPO \$3.25

1. Service industries—Oklahoma—Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Oklahoma. OCLC 11664006

85-12084

C 3.257/2:SC 82-A-44

Census of service industries (1982).

1982 census of service industries. Geographic area series. Texas. — Washington, D.C. : U.S. Dept. of Commerce, Bureau of the Census : For sale by Supt. of Docs., U.S. G.P.O., [1984]

211 p. in various pagings : 1 form ; 28 cm. "Issued October 1984." "SC82-A-44." ●Item 132-C-43 S/N 003-024-91054-3 @ GPO \$5.50

1. Service industries—Texas—Statistics. I. United States. Bureau of the Census. II. Title. III. Title: Geographic area series, Texas. OCLC 11664053

## NATIONAL BUREAU OF STANDARDS

Commerce Dept.

Washington, DC 20234

85-12085

C 13.2:W 96/2

WWVH : frequency-time broadcast services. — [Washington, D.C.?] : U.S. Dept. of Commerce, National Bureau of Standards, [1984]

[3] p. : ill. (some col.) ; 22 cm. "September, 1984." ●Item 84

1. NBS Radio Station WWVH. 2. Radio frequency. 3. Radio stations—Hawaii. I. United States. National Bureau of Standards. OCLC 11731716

85-12086

C 13.11:44/10

National Conference on Weights and Measures.

Specifications, tolerances, and other technical requirements for weighing and measuring devices / adopted by the National Conference on Weights and Measures. Washington : U.S. Dept. of Commerce, National Bureau of Standards : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : 28 cm. (NBS handbook ; 44)

Annual

\$9.00

Began with 1979. 1985, adopted by the 69th National Conference on Weights and Measures 1984. Description based on: 1982. ●Item 245 S/N 003-003-02625-5 ISSN 0271-4027 Continues: National Conference on Weights and Measures. Specifications, tolerances, and other technical requirements for commercial weighing and measuring devices

1. Scales (Weighing instruments)—United States—Periodicals. 2. Weighing-machines—United States—Periodicals. 3. Weights and measures—United States—Periodicals. I. United States. National Bureau of Standards. II. Title. III. Series. QC89.U5N28a 80-644772 //r82 681/.2/0218 OCLC 06183545

85-12087

C 13.46:1070

Ely, James F.

A review of supercritical fluid extraction / James F. Ely, Jolene K. Baker. — Washington, D.C. : U.S. Dept. of Commerce, National Bureau of Standards : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

vi, 77 p. : ill. ; 28 cm. — (NBS technical note ; 1070) Distributed to depository libraries in microfiche. "Issued December 1983." Includes bibliographical references.

●Item 249-A (microfiche) S/N 003-003-02537-2 @ GPO \$2.75

1. Extraction (Chemistry) 2. Separation (Technology) 3. Vapor-liquid equilibrium. 4. Critical point. I. Baker, Jolene K. II. United States. National Bureau of Standards. III. Title. IV. Series. OCLC 11664214

85-12088

C 13.58:84-2908

Rubin, Arthur I.

Interim design guidelines for automated offices / Arthur Rubin ; prepared for Public Building Service, General Services Administration. — [Washington, D.C.] : U.S. Dept. of Commerce, National Bureau of Standards, [1984]

xi, 104 p. : ill., 2 forms ; 28 cm. — (NBSIR ; 84-2908)

"Center for Building Technology, National Engineering Laboratory, National Bureau of Standards"—Cover. Distributed to depository libraries in microfiche. "August 1984." Includes bibliographical references. ●Item 247-D (microfiche)

1. Office practice—Automation. 2. Office layout. I. United States. Public Building Service. II. United States. National Bureau of Standards. III. Center for Building Technology. IV. Title. V. Series. OCLC 11731762

85-12089

C 13.58:84-3013

Bransford, J. W. (James W.)

Laser-initiated combustion studies on metallic alloys in pressurized oxygen / J.W. Bransford. — [Washington, D.C.] : U.S. Dept. of Commerce, National Bureau of Standards ; [Springfield, VA. : Order from National Technical Information Service (NTIS)], 1984.

vii, 56, 3, 6 p. : ill. ; 28 cm. — (NBSIR ; 84-3013) Distributed to depository libraries in microfiche. "August 1984." Includes bibliographical references. ●Item 247-D (microfiche)

1. Alloys—Analysis. 2. Combustion. I. United States. National Bureau of Standards. II. Title. III. Series. OCLC 11694852

85-12090

C 13.58:84-3015

Daywitt, William C.

A preliminary investigation into using the sun as a source for G/T measurements / William C. Daywitt. — Boulder, Colo. : U.S. Dept. of Commerce, National Bureau of Standards ; [Springfield, VA : National Technical Information Service, distributor, 1984]

iii, 18 p. : ill. ; 28 cm. — (NBSIR ; 84-3015) Distributed to depository libraries in microfiche. "August 1984." Includes bibliographical references. ●Item 247-D (microfiche)

1. Solar magnetic field. 2. Electromagnetic fields. 3. Antennas (Electronics) I. United States. National Bureau of Standards. II. Title. III. Series. OCLC 11769823

## PATENT AND TRADEMARK OFFICE

Commerce Dept.

Washington, DC 20231

85-12091

C 21.1/2:983

United States. Patent and Trademark Office.

Commissioner of Patents and Trademarks annual report / U.S. Department of Commerce, Patent and Trademark Office. [Washington, D.C.] : The Office, U.S. Dept. of Commerce, Patent and Trademark Office, Washington, D.C. 20231

v. : ill. ; 24 cm.

Annual

Began with 1974/75. Description based on: Fiscal year 1980. Report covers fiscal year 1983. ●Item 251 ISSN

## Maritime Administration — Commerce Dept.

0162-9735 Continues: United States. Patent Office. Commissioner of Patents annual report 1966-1974

1. Trade-marks — United States — Periodicals. 2. Patents — United States — Periodicals. 3. United States. Patent and Trademark Office — Periodicals. 1. Title. T223.H3A3 78-645593 //r82 353.008/24 OCLC 03576886

85-12092

C 21.5/a 5:N 845/984

Consolidated listing of recent Official gazette notices, re Patent and Trademark Office practices and procedures. Washington, D.C. : [U.S. Patent and Trademark Office] : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402  
v. : 26 cm.  
Annual

\$9.00 Running title: Official gazette (July 1, 1964/Dec. 31, 1980) Title from cover. Previous issues were classed with the publishing date; beginning with the July 1, 1964/Dec. 31, 1982 issue, the coverage date will be used. July 1, 1964 through Dec. 31, 1984. Description based on: July 1, 1964/Dec. 31, 1980. ●Item 260 S/N 003-004-00610-2 Related records: Official gazette of the United States Patent and Trademark Office. Patents ISSN 0098-1133 Related records: Official gazette of the United States Patent and Trademark Office. Trademarks ISSN 0360-5132

1. Patents — United States — Periodicals. 2. Trade-marks — United States — Periodicals. I. United States. Patent and Trademark Office. OCLC 03577252

85-12093

C 21.14/2:St 9/984/supp.

Patents and trademarks style manual : a supplement to the United States Government Printing Office style manual. — [Washington, D.C.?] : U.S. Patent and Trademark Office : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

1 v. (loose-leaf) : ill., 2 forms ; 28 cm. Cover title. Includes index. ●Item 254-A S/N 003-004-00606-4 @ GPO \$5.50

1. Patents — United States — Handbooks, manuals, etc. 2. Trade-marks — United States — Handbooks, manuals, etc. 3. Printing, Public — United States — Handbooks, manuals, etc. 4. Printing, Practical — Style manuals. I. United States. Patent and Trademark Office. OCLC 11326990

## MARITIME ADMINISTRATION

Commerce Dept.

Washington, DC 20230

85-12094

C 39.226:5

United States. Maritime Subsidy Board.

Decisions of the Maritime Subsidy Board, Maritime Administration, Department of Commerce. Washington : The Board, U.S. Dept. of Commerce, Washington, D.C. 20230  
v. : 24 cm.  
Irregular

Began with v. 1, Aug. 1961-Sept. 1964. Spine title: Maritime Subsidy Board, Maritime Administration, Department of Commerce reports (June 1973-Dec. 1977-) Vol. 5, Jan. 1978 to July 1981. Description based on: Vol. 4 (June 1973 to Dec. 1977) ●Item 233-A-02

1. Maritime law — United States — Cases. 2. Shipping bounties and subsidies — United States — Periodicals. I. United States. Maritime Administration. II. United States. Maritime Subsidy Board. Maritime Subsidy Board, Maritime Administration, Department of Commerce reports. III. Title. OCLC 09898875

## NATIONAL TECHNICAL INFORMATION SERVICE

Commerce Dept.

Springfield, VA 22161

85-12095

C 51.11:N 47

NTIS abstract newsletters. — Springfield, VA : U.S. Dept. of Commerce, National Technical Information Service, 1984.

[8] p. : 1 form ; 23 cm. Cover title. "10/83"—P. [4] of cover. "PR-205-C"—P. [4] of cover. ●Item 188-A-1

1. United States. National Technical Information Service. 2. Newsletters. I. United States. National Technical Information Service. OCLC 11694308

85-12096

C 51.16:983

Catalog of government patents / prepared by the National Technical Information Service, U.S. Department of Commerce. [Washington, D.C.?] : The Department ; Springfield, Va. : For sale by the National Technical Information Service, 1981- National Technical Information Service, U.S. Dept. of Commerce, 5285 Port Royal Road, Springfield, Va. 22161  
v. : ill. ; 29 cm.  
Annual, 1981-

1966-76- NTIS:PB84-117589 1983. Vols. for 1966-74-1975-80 issued in parts. ●Item 188-A-10 ISSN 0748-8858

1. Patents, Government-owned — United States — Catalogs. I. United States. Dept. of Commerce. II. Center for the Utilization of Federal Technology (U.S.) III. United States. National Technical Information Service. T223.A2C38 84-643374 608.773 42 19 OCLC 07885671

## NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION

Commerce Dept.

Rockville, MD 20852

85-12097

C 55.12:P 13-984

National winter storms operations plan / U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Federal Coordinator for Meteorological Services and Supporting Research. Washington, D.C. : The Coordinator, Federal Coordinator for Meteorological Services and Supporting Research, NOAA, Dept. of Commerce, Washington, D.C. 20230

v. : ill. ; 28 cm.

Annual

Began with 10th ed., 1978. "FCM-P 13-1984" Oct. 1984. Description based on: Oct. 1981. Vols. for (1981-) distributed to depository libraries in microfiche. ●Item 250-E (microfiche) ISSN 0742-4043 Continues: National east coast winter storms operations plan

1. Winter storms — Atlantic States — Periodicals. 2. Winter storms — Gulf States — Periodicals. 3. Meteorological services — Atlantic States — Periodicals. 4. Meteorological services — Gulf States — Periodicals. I. United States. Office of Federal Coordinator for Meteorological Services and Supporting Research. QC955.5.U6N37 83-647628 551.6/455/0974 42 19 OCLC 05722557

85-12098

C 55.13/2:NOS 30

Comparison of results of United States and Soviet dissolved oxygen measurements in water by the Winkler method / J.P. Sullivan ... [et al.]. — Rockville, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, [1984]

ii, 13 p. : ill. ; 28 cm. — (NOAA technical memorandum NOS : 30) Distributed to depository libraries in microfiche. "October 1984." Includes bibliographical references.

●Item 208-C-5 (microfiche)

1. Water — Dissolved oxygen. 2. Sea-water — Composition. I. Sullivan, J. P. II. United States. National Ocean Service. III. Series. OCLC 11406613

85-12099

C 55.14:15/1

NOAA. Rockville, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Office of Public Affairs ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. : ill. ; 28 cm.

Semiannual, winter 1983-

Quarterly, -1979

Bimonthly, 1980

Quarterly, winter 1981-fall 1982

\$8.50

Publication began with v. 1, Jan. 1971. Title from cover. Vol. 15, no. 1, winter 1985. Description based on: Vol. 9, no. 1 (Jan. 1979) Energy information abstracts ISSN 0147-6521 Environment abstracts ISSN 0093-3287 GeoRef ISSN 0197-7482 Indexed by: Index to U.S. government periodicals ISSN 0098-4604 ●Item 250-E-1 S/N 703-031-00000-5 ISSN 0014-0821 Supersedes: ESSA ISSN 0012-8007

1. Hydrology — Periodicals. 2. Oceanography — Periodicals. 3. Meteorology — Periodicals. I. United States. National Oceanic and Atmospheric Administration. Office of Public Affairs. QC851.U46 sf-78000527 OCLC 01768577

85-12100

C 55.31/3:980-81

United States. National Ocean Service.

Report to the Congress on ocean pollution, monitoring and research : submitted in compliance with sections 201 and 202, Title II of the Marine Protection, Research, and Sanctuaries Act of 1972 (Public Law 92-532). [Washington, D.C.] : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, [1983- U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, Washington, D.C. 20230

v. : ill., maps ; 28 cm.

Annual 1981-

Biennial 1978-1980

Oct. 1981-Sept. 1982- Oct. 1980 through Sept. 1981. Vol. for 1981-1982 issued prior to v. for 1978-1980. Vols. for 1981-1982- distributed to depository libraries in microfiche. ●Item 250-E-13 (microfiche) Continues: United States. National Oceanic and Atmospheric Administration. Report to the Congress on ocean pollution, monitoring and research ISSN 0741-899X

1. Marine pollution — United States — Periodicals. 2. Waste disposal in the ocean — United States — Periodicals. I. Title. OCLC 10353083

## NATIONAL WEATHER SERVICE

Commerce Dept.

Silver Spring, MD 20910

85-12101

C 55.108:H 99/2/v.1

Instruction manual hygrothermometer (HO83). — Silver Spring, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Weather Service, Engineering Division, 1984-

v. : ill. ; 28 cm. Contents: v. 1. Support volume. ●Item 275-E

1. Thermometers and thermometry — Handbooks, manuals, etc. 2. Hygrometers — Handbooks, manuals, etc. I. United States. National Weather Service. Engineering Division. OCLC 11766076

## NATIONAL ENVIRONMENTAL SATELLITE, DATA, AND INFORMATION SERVICE

Commerce Dept.

Washington, DC 20230

85-12102

C 55.220:89

Derr, V. E. (Vernon Ellsworth), 1921-

Atmospheric handbook : atmospheric data tables available on computer tape / by V.E. Derr. — Boulder, Colo. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Environmental Satellite, Data, and Information Service, 1984.

iv, 57 p. ; 28 cm. — (Report UAG ; 89) "World Data Center A for Meteorology and World Data Center A for Solar-Terrestrial Physics." Distributed to depository libraries in microfiche. "July 1984." Bibliography: p. 23-26. ●Item 273-D-17 (microfiche)

1. Atmosphere — Data processing — Handbooks, manuals, etc. I. United States. National Environmental Satellite, Data, and Information Service. II. World Data Center A : Meteorology. III. World Data Center A for Solar-terrestrial Physics. IV. Title. V. Series. OCLC 11202956

85-12103

C 55.233/3:982

Climate impact assessment. Foreign countries ... annual summary. [Washington, D.C.?] : EDIS, Center for Environmental Assessment Service, [1982- EDIS, Center for Environmental Assessment Services, Washington, D.C. 20235

v. : maps ; 21 x 28 cm.

Annual

1981- Title from cover. 1982. Indexed by: American statistics index ISSN 0091-1658 Vols. for 1981- distributed to depository libraries in microfiche. ●Item 273-D-14 (microfiche)

1. Weather — Periodicals. I. Center for Environmental Assessment Services (U.S.) OCLC 10256855

85-12104

C 55.233/3:983

Climate impact assessment. Foreign countries ... annual summary. [Washington, D.C.?] : EDIS, Center for Environmental Assessment Service, [1982- EDIS, Center for Environmental Assessment Services, Washington, D.C. 20235

v. : maps ; 21 x 28 cm.

Annual

1981- Title from cover. 1983. Indexed by: American statistics index ISSN 0091-1658 Vols. for 1981- distributed to depository libraries in microfiche. ●Item 273-D-14 (microfiche)

## National Marine Fisheries Service — Commerce Dept.

1. Weather — Periodicals. I. Center for Environmental Assessment Services (U.S.) OCLC 10256855

### NATIONAL MARINE FISHERIES SERVICE Commerce Dept. Washington, DC 20235

85-12105

C 55.309/2:8307

Fish meal and oil, annual summary. [Washington, D.C.] : U.S. Dept. of Commerce, [National Oceanic and Atmospheric Administration, National Marine Fisheries Service, U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service (F/SR1), Washington, DC 20235

v. ; 27 cm. (Current fisheries statistics ; no. 8307)

Annual Caption title. 1982. Vol. for (1982) distributed to depository libraries in microfiche. ●Item 610-A (microfiche) ISSN 0162-6124

1. Fish-meal — Statistics — Periodicals. 2. Fish-oil — Statistics — Periodicals. I. United States. National Marine Fisheries Service. II. Series. sc-79003324 OCLC 04007504

85-12106

C 55.309/2:8321

Marine recreational fishery statistics survey. Pacific coast. Washington, D.C. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, National Fishery Statistics Program, 1984. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, National Fishery Statistics Program, Washington, D.C. 20230

v. ; 28 cm. (Current fishery statistics ; 8321)

1979-1980- 1979-1980. ●Item 610-A

1. Fishing surveys — United States — Periodicals. 2. Salt-water fishing — United States — Statistics — Periodicals. I. National Fishery Statistics Program (U.S.). II. Series: Current fisheries statistics ; no. 8321. OCLC 11689613

85-12107

C 55.309/2:8323

Marine recreational fishery statistics survey. Pacific coast. Washington, D.C. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, National Fishery Statistics Program, 1984. U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, National Fishery Statistics Program, Washington, D.C. 20230

v. ; 28 cm. (Current fishery statistics ; 8323)

1979-1980- 1981-1982. ●Item 610-A

1. Fishing surveys — United States — Periodicals. 2. Salt-water fishing — United States — Statistics — Periodicals. I. National Fishery Statistics Program (U.S.). II. Series: Current fisheries statistics ; 8323. OCLC 11689613

85-12108

C 55.328:H 31/supp.

Proposed designation of critical habitat for the Hawaiian monk seal in the northwestern Hawaiian Islands. — Terminal Island, CA : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, [1984?]

50, [15] p. : ill. ; 28 cm. Cover title. At head of title: Supplemental environmental impact statement. Bibliography: p. 45-48. ●Item 616-I

1. Monk seals. 2. Hawaiian monk seal — Habitat. I. United States. National Marine Fisheries Service. OCLC 11694262

85-12109

C 55.334:972

Collected reprints (Southwest Fisheries Center)

Collected reprints / National Marine Fisheries Service, Southwest Fisheries Center. La Jolla, Calif. : The Center, National Marine Fisheries Service, Southwest Fisheries Center, La Jolla, Calif. 92037

v. : ill. ; 25 cm.

Annual 1972. Description based on: 1972. [Item 616-L, JH/SU/jt/jt] ●Item 616-L

1. Fishes — Periodicals. 2. Southwest Fisheries Center — Periodicals. I. Southwest Fisheries Center. OCLC 08450159

### NATIONAL OCEAN SERVICE

Commerce Dept.  
Washington, DC 20230

85-12110

C 55.420/2:983

Great Lakes water levels (Annual)

Great Lakes water levels. Rockville, Md. : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Survey, National Ocean Service, N/OMS12, 6001 Executive Blvd., Rockville, Md. 20852

v. ; 22 x 26 cm.

Annual 1983. Description based on: 1980. Vols. for (1980-) distributed to depository libraries in microfiche. ●Item 199-A (microfiche) ISSN 0090-2187

1. Great Lakes — Water level — Periodicals. I. United States. National Ocean Service. II. National Ocean Survey. III. Lake Survey Center. GB1627.G8N29 73-640825 //r84 551.4/8 OCLC 01784835

85-12111

C 55.431:4/2

Tidal currents / prepared by Physical Science Services Section, Program Services Unit. — [Rockville, Md.?] : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, National Ocean Service, [1984]

21 p. : ill., 1 form, 2 maps ; 28 cm. — (Educational pamphlet ; #4) Cover title. "April 1984." Bibliography: p. 21. ●Item 191-B-5

1. Tidal currents — United States. I. United States. National Ocean Service. Program Services Unit. II. Series: Educational pamphlet (United States. National Ocean Survey) ; #4. OCLC 11694640

### ENVIRONMENTAL RESEARCH LABORATORIES

Commerce Dept.  
Boulder, CO 80302

85-12112

C 55.601/5:983-984

Geophysical Fluid Dynamics Laboratory (U.S.)

Activities ... plans ... [Boulder, Colo.?] : U.S. Dept. of Commerce, National Oceanic and Atmospheric Administration, Environmental Research Laboratories ; [Princeton, N.J. : Geophysical Fluid Dynamics Laboratory, distributor, Director, Geophysical Fluid Dynamics Laboratory, Princeton University, P.O. Box 308, Princeton, New Jersey 08542

v. : ill. ; 28 cm.

Annual

Began with FY 77, FY 78. Title from cover. FY 83, FY 84. Description based on: FY 81, FY 82. Activities covers current fiscal year, plans for the next fiscal year. Vols. for

(81, 82-) distributed to depository libraries in microfiche.  
●Item 208-E-4 (microfiche)

1. Geophysical Fluid Dynamics Laboratory (U.S.)—Periodicals. 2. Geophysics—Periodicals. 3. Fluid dynamics—Periodicals. 1. Environmental Research Laboratories (U.S.)  
Key Title: Activities; plans - Geophysical Fluid Dynamics Laboratory OCLC 04733147

85-12113

C 55.602:M 31

Management information. — Boulder, Colo. : Wave Propagation Laboratory, NOAA/ERL, U.S. Dept. of Commerce, 1984.

iii, 39 p. : 28 cm. "October 1984." Bibliography: p. 13-38. ●Item 207-C-1

1. Wave Propagation Laboratory 2. Atmosphere—Research—United States—Bibliography. 3. Radio meteorology—Bibliography. 4. Oceanography—Bibliography. 5. Radio wave propagation—Bibliography. 1. Wave Propagation Laboratory. OCLC 11694268

# NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION

Commerce Dept.

Washington, DC 20504

85-12114

C 60.8:R 11/983/rev. pages 3

Manual of regulations and procedures for federal radio frequency management : revisions for September 1984. — [Washington, D.C.] : U.S. Dept. of Commerce, National Telecommunications and Information Administration, [1984.]

1 v. (loose-leaf) : ill., 1 map ; 28 cm. ●Item 126-E-2

1. Radio frequency allocation—United States. 2. Telecommunication—United States—Management. 1. United States. National Telecommunications and Information Administration. OCLC 11765833

85-12115

C 60.10:84-153

Miles, M. J.

Sample size and precision in communication performance measurements / M.J. Miles. — [Boulder, CO] : U.S. Dept. of Commerce, National Telecommunications and Information Administration, 1984.

v, 123 p. : ill. ; 28 cm. — (NTIA report ; 84-153) Distributed to depository libraries in microfiche. "August 1984." Bibliography: p. 58. ●Item 126-D-3 (microfiche)

1. Telecommunication systems—Measurement—Data processing. 1. United States. National Telecommunications and Information Administration. II. Title. III. Series. OCLC 11664230

85-12116

C 60.10:84-154

Hull, J. A. (Joseph A.)

Optical fiber communications link design in compliance with systems performance standards / J.A. Hull, A.G. Hanson. — [Washington, D.C.] : U.S. Dept. of Commerce, National Telecommunications and Information Administration, 1984.

viii, 118 p. : ill. ; 28 cm. — (NTIA report ; 84-154) Distributed to depository libraries in microfiche. "August 1984." Includes bibliographies. ●Item 126-D-3 (microfiche)

1. Fiber optics. 2. Optical communications. 1. Hanson, A. G. (Almer Glenn) II. United States. National Telecommunications and Information Administration. III. Title. IV. Series. OCLC 11694823

85-12117

C 60.10:84-163

Akima, H. (Hiroshi)

Polarization angles of linearly polarized antennas and radio waves in satellite communications / H. Akima. — [Washington, D.C.] : U.S. Dept. of Commerce, National Telecommunications and Information Administration, 1984.

iii, 37 p. : ill. ; 28 cm. — (NTIA report ; 84-163) Distributed to depository libraries in microfiche. "October 1984." Bibliography: p. 22. ●Item 126-D-3 (microfiche)

1. Artificial satellites in telecommunication. 2. Antennas (Electronics) 3. Radio waves—Polarization—Computer programs. 1. United States. National Telecommunications and Information Administration. II. Title. III. Series. OCLC 11769848

# INTERNATIONAL TRADE ADMINISTRATION

Commerce Dept.

Washington, DC 20230

85-12118

C 61.2:So 2/2

A Competitive assessment of the United States software industry. — Washington, D.C. : Science and Electronic, Office of Computers and Business Equipment, Assistant Secretary for Trade Development : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

1 v. (various pagings) : ill. ; 28 cm. ●Item 231-B-1 S/N 003-009-00436-5 @ GPO \$4.50

1. Computer programs. 1. United States. International Trade Administration. Office of Computers and Business Equipment. OCLC 11694302

85-12119

C 61.2:T 67/4/v.1-2

Building materials : trade list. — [Washington, D.C.] : U.S. Dept. of Commerce, International Trade Administration, U.S. and Foreign Commercial Service, 1984.

2 v. : forms ; 28 cm. — (Export market information.) Cover title. "October 1984." Contents: v. 1. Western Hemisphere and Europe — v. 2. Asia, Africa, Near East. ●Item 231-B-1

1. Building materials—Directories. 1. U.S. and Foreign Commercial Service. II. Series. OCLC 11615186

85-12120

C 61.8:C 83

Verzariu, Pompiliu.

International countertrade : a guide for managers and executives / by Pompiliu Verzariu. — Washington, D.C. : U.S. Dept. of Commerce, International Trade Administration, [1984]

x, 90 p. : ill. ; 23 cm. "November 1984." Includes bibliographical references. ●Item 231-B-5

1. Developing countries. 2. Barter. 3. Commerce. 1. United States. International Trade Administration. II. Title. OCLC 11617450

85-12121

C 61.12:84-11

Welch, Thomas F.

Selling to the government of Mexico / prepared by Thomas F. Welch. — Washington, D.C. : U.S. Dept. of Commerce, International Trade Administration : Order from the Supt. of Docs., U.S. G.P.O., [1984]

1 v. (loose-leaf) : 2 forms ; 28 cm. — (International marketing information series) (Overseas business reports ; OBR-84-11) "November 1984." ●Item 231-B S/N 003-000-90832-1 @ GPO \$1.50

## Industrial Economics Bureau — Commerce Dept.

I. Marketing — Mexico. I. United States. International Trade Administration. II. Title. III. Series. IV. Series. OCLC 11694288

85-12122

C 61.28:983

U.S. trade performance in ... and outlook / prepared by Office of Trade and Investment Analysis, International Trade Administration, U.S. Department of Commerce. Washington, D.C. : The Administration : For sale by the Supt. of Docs., U.S. G.P.O., 1984- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. : 27 cm.

Annual

\$4.50

1983- 1983. ●Item 231-B-14 S/N 003-009-00367-9 ISSN 0749-744X

I. United States — Commerce — Periodicals. I. United States. International Trade Administration. Office of Trade and Investment Analysis. HF3000.U175 84-646615 382/.0973/005  2 19 OCLC 11094055

## INDUSTRIAL ECONOMICS BUREAU

Commerce Dept.

Washington, DC 20230

85-12123

C 62.17:985

U.S. industrial outlook (Washington, D.C. : 1984)  
U.S. industrial outlook. [Washington, D.C.?] : U.S. Dept. of Commerce, Bureau of Industrial Economics : [Supt. of Docs., U.S. G.P.O., distributor], 1984- Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402

v. : ill. : 28 cm.

Annual

\$15.00

25th ed. (1984)- 26th ed., 1985. Predicasts ●Item 215-L S/N 003-008-00195-5 ISSN 0748-2671 Continues: U.S. industrial outlook for ... industries with projections for ... ISSN 0733-365X

I. United States — Industries — Periodicals. I. United States. Bureau of Industrial Economics. HC101.U54 84-645436 338.0973  2 19 OCLC 10482680

## FEDERAL COMMUNICATIONS COMMISSION

Washington, DC 20554

85-12124

CC 1.1:983

United States. Federal Communications Commission.

Annual report / Federal Communications Commission. Washington, D.C. : The Commission : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402

v. : 24-26 cm.

Annual

\$5.50

Began publication with 1934/35. Other title: FCC annual report (-1978) 49th report covering fiscal year 1983. Description based on: 1978. Report covers fiscal year. ●Item 283 (microfiche) S/N 004-000-00431-1 Continues: United States. Federal Radio Commission. Annual report of the Federal Radio Commission to the Congress of the United States

I. Telecommunication — United States — Periodicals. 2. Artificial satellites in telecommunication — United States — Periodicals. I. Title. HE8677.A22 35-026977 001.5 [384.0973] OCLC 01249089

85-12125

CC 1.2:R 11/14/984-2

Directory of field contacts for the coordination of the use of radio frequencies. Washington, D.C. : IRAC Secretariat, Spectrum Management Support Division, Office of Telecommunications, Dept. of Commerce, Federal Communications Commission, 1919 M St., NW, Washington, D.C. 20554

v. : 27 cm. Title from cover. Aug. 1, 1984. Description based on: Apr. 1, 1978. Vols. for (1978-) distributed to depository libraries in microfiche. ●Item 285 ISSN 0198-6422

I. Radio frequency allocation — United States — Directories. I. United States. Federal Communications Commission. II. United States. National Telecommunications and Information Administration. III. United States. Office of Telecommunications. IV. United States. Office of Telecommunications. IRAC Secretariat. V. United States. Office of Telecommunications Policy. HE8698.D57 80-643305 //r82 384.54/52 OCLC 01727148

## CIVIL RIGHTS COMMISSION

Washington, DC 20425

85-12126

CR 1.10:85

Toward an understanding of Stotts. — Washington, D.C. : U.S. Commission on Civil Rights, 1984.

iii, 64 p. : 26 cm. — (Clearinghouse publication ; 85) "January 1985." Includes bibliographical references. ●Item 288-A-5

I. Civil rights — United States. 2. Discrimination in employment — United States. I. United States Commission on Civil Rights. II. Series. OCLC 11638929

85-12127

CR 1.16:982

United States Commission on Civil Rights.

Telephone directory. Washington, D.C. : United States Commission on Civil Rights, United States Commission on Civil Rights, 1121 Vermont Ave., N.W., Washington, D.C. 20425

v. : 28 cm. Title from cover. 1982. Description based on: June 1982. [Item 288-A-9, AM/SU/jt/jt] ●Item 288-A-9

I. United States Commission on Civil Rights — Directories — Telephone. I. Title. OCLC 11025621

## DEFENSE DEPARTMENT

Washington, DC 20301

85-12128

D 1.2:Am 3/2/v.1300-1/982/stud.

American language course. — Rev. Sept. 1982. — Lackland Air Force Base, Tex. : Defense Language Institute, English Language Center, 1982-

v. : ill., forms : 28 cm. Cover title. "Original edition March 1967"—P. i. "Reprinted September 1984"—P. i. Includes index. Contents: v. 1300-1. Elementary phase, student text. ●Item 306

I. English language — Text-books for foreign speakers. 2. English language — Composition and exercises. I. Defense Language Institute (U.S.). English Language Center. OCLC 11751022

85-12129

D 1.2:F 51

First United States Army : first in deed. — Ft. Meade, Md. : HQ, First US Army, Public Affairs Office, [1984?]

[6] p. : ill. (some col.) : 26 cm. Cover title. ●Item 306

1. United States. Army. Army, First. 2. United States — Armed Forces — Reserves. I. United States. Army. Army, First. Public Affairs Office. OCLC 11770122

85-12130

D 1.2:In 8/3/v.1-3

Internal control course. — [Washington, D.C.]: U.S. Dept. of Defense, 1984-

v. (loose-leaf) : ill., forms ; 28 cm. Cover title. "August 1984." Contents: v. 1. Course overview — v. 2. Assessing vulnerability: text ; doc. workbook — v. 3. Reviewing internal controls: text ; doc. workbook. ●Item 306

1. United States. Dept. of Defense I. United States. Dept. of Defense. OCLC 11765864

85-12131

D 1.2:T 22/2

The militarily critical technologies list. — Washington, D.C. : Office of the Under Secretary of Defense, Research and Engineering, 1984.

1 v. (various pagings) ; 28 cm. At head of title: Department of Defense. "October 1984." "ADA-146 998." ●Item 306

1. Technology transfer. 2. Export controls — United States. I. United States. Office of the Under Secretary of Defense for Research and Engineering. OCLC 11566762

85-12132

D 1.2:W 84/5

Going strong! : women in defense. — Washington, D.C. : Dept. of Defense : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

28 p. : ill. ; 26 cm. Cover title. "October 1984"—P. [4] of cover. ●Item 306 S/N 008-001-00146-1 @ GPO \$1.75

1. Women soldiers — United States. 2. United States — Armed Forces — Women. I. United States. Dept. of Defense. OCLC 11680777

85-12133

D 1.6/2-2:2420.1

Language arts. — [Washington, D.C.]: Dept. of Defense, Dependents Schools, [1984]

25 p. : ill. ; 22 x 28 cm. — (DS manual ; 2420.1) Cover title. "November 1984." ●Item 306-A

1. Language arts — United States. I. United States. Dept. of Defense. Dependents Schools. II. Series. OCLC 11766186

85-12134

D 1.33:Au 2/v.4

United States. Assistant Secretary of Defense (Public Affairs)

Catalog of audiovisual productions : DoD productions cleared for public release. — [Washington, D.C.] : Assistant Secretary of Defense (Public Affairs), 1984-

v. ; 28 cm. Cover title. Description based on vol. IV. "June 1984." Includes indexes. "DoD 5040.2-C-4." ●Item 304-D

1. Audio-visual materials — United States — Catalogs. I. Title. OCLC 11769873

85-12135

D 1.57/6:981-2

Prime contract awards by state. [Washington, D.C.]: Dept. of Defense, Washington Headquarters Services, Directorate for Information Operations and Reports, Washington Headquarters Services, Directorate for Information Operations and Reports, the Pentagon, Room 3E843, Washington, D.C. 20301 v. ; 27 cm.

Semiannual Title from cover. Description based on: Fiscal year 1977. Report covers fiscal year 1981. Vols. for (1981-) distributed to depository libraries in microfiche.

Vols. for 19 -197 were issued by the Assistant Secretary of Defense (Comptroller), Directorate for Information Operations and Control; (1977-) by Washington Headquarters Services, Directorate for Information Operations and Reports. ●Item 310-E-13 (microfiche)

1. United States. Dept. of Defense — Procurement — Periodicals. 2. United States. Dept. of Defense — Procurement — Periodicals. I. United States. Dept. of Defense. Washington Headquarters Services, Directorate for Information Operations and Reports. II. United States. Assistant Secretary of Defense (Comptroller). Directorate for Information Operations and Control. OCLC 02576761

85-12136

D 1.57/7:979

D 1.57/7:980

Prime contract awards in labor surplus areas / Department of Defense. [Washington, D.C.] : Washington Headquarters Services, Directorate for Information Operations and Reports, Washington Headquarters Services, Directorate for Information Operations and Reports, Room 3E843, The Pentagon, Washington, D.C. 20301

v. ; 21 x 27 cm.

Semiannual

Fiscal year 1979- Cumulates annually. Reports cover fiscal years 1979 and 1980. Vols. for 1979- distributed to depository libraries in microfiche. ●Item 310-E-13 (microfiche) Continues: Department of Defense prime contract awards in areas of substantial unemployment

1. Defense contracts — United States — Statistics — Periodicals. 2. United States. Dept. of Defense — Procurement — Periodicals. I. United States. Dept. of Defense. II. United States. Dept. of Defense. Washington Headquarters Services, Directorate for Information Operations and Reports. OCLC 07853230

85-12137

D 1.57/7:981-2

Prime contract awards in labor surplus areas / Department of Defense. [Washington, D.C.] : Washington Headquarters Services, Directorate for Information Operations and Reports, Washington Headquarters Services, Directorate for Information Operations and Reports, Room 3E843, The Pentagon, Washington, D.C. 20301

v. ; 21 x 27 cm.

Semiannual

Fiscal year 1979- Cumulates annually. Report covers fiscal year 1981. Vols. for 1979- distributed to depository libraries in microfiche. ●Item 310-E-13 (microfiche) Continues: Department of Defense prime contract awards in areas of substantial unemployment.

1. Defense contracts — United States — Statistics — Periodicals. 2. United States. Dept. of Defense — Procurement — Statistics — Periodicals. I. United States. Dept. of Defense. Washington Headquarters Services, Directorate for Information Operations and Reports. OCLC 07853230

85-12138

D 1.57/7:983-1

D 1.57/7:983

Prime contract awards in labor surplus areas / Department of Defense. [Washington, D.C.] : Washington Headquarters Services, Directorate for Information Operations and Reports, Washington Headquarters Services, Directorate for Information Operations and Reports, Room 3E843, The Pentagon, Washington, D.C. 20301

v. ; 21 x 27 cm.

## American Forces Information Service — Defense Dept.

### Semiannual

Fiscal year 1979. Cumulates annually. "P05"—Cover. Reports cover 1st half fiscal year 1983 and fiscal year 1983. Vols. for 1979- distributed to depository libraries in microfiche. ●Item 310-E-13 (microfiche) Continues: Department of Defense prime contract awards in areas of substantial unemployment

1. Defense contracts — United States — Statistics — Periodicals. 2. United States. Dept. of Defense — Procurement — Periodicals. I. United States. Dept. of Defense. Washington Headquarters Services. Directorate for Information Operations and Reports. OCLC 07853230

85-12139

D 1.57/7:984-1

Prime contract awards in labor surplus areas / Department of Defense. [Washington, D.C.] : Washington Headquarters Services, Directorate for Information Operations and Reports, Washington Headquarters Services, Directorate for Information Operations and Reports, Room 3E843, The Pentagon, Washington, D.C. 20301  
v. : 21 x 27 cm.

### Semiannual

Fiscal year 1979. Cumulates annually. Report covers 1st half of fiscal year 1984. Vols. for 1979- distributed to depository libraries in microfiche. ●Item 310-E-13 (microfiche) Continues: Department of Defense prime contract awards in areas of substantial unemployment

1. Defense contracts — United States — Statistics — Periodicals. 2. United States. Dept. of Defense — Procurement — Statistics — Periodicals. I. United States. Dept. of Defense. Washington Headquarters Services. Directorate for Information Operations and Reports. OCLC 07853230

85-12140

D 1.68:985-86

Overseas employment opportunities for educators. [Alexandria, Va.] : Dept. of Defense, Overseas Dependents Schools, Department of Defense, Dependents Schools, Teacher Recruitment Section, Hoffman Building I, 2461 Eisenhower Ave., Alexandria, Va. 22331  
v. : 27 cm.

Annual Issues prior to 1984-85 were classed: D 1.2:Ed 8/ School year 1985-1986. Description based on: Announcement for 1977-78 school year; title from cover. Vols. for (1981-1982) distributed to depository libraries in microfiche. Vols. for (1977-78) issued by Dept. of Defense, Overseas Dependents Schools; (1979-80-) by Dept. of Defense Dependents Schools. ●Item 306 Continues: Employment opportunities for educators overseas

1. Americans in foreign countries — Employment — Periodicals. 2. Teachers — Employment — United States — Periodicals. 3. Applications for positions — Periodicals. I. Overseas Dependents Schools (United States. Dept. of Defense) II. United States. Dept. of Defense. Dependents Schools. sc-83007923 OCLC 06713893

## AMERICAN FORCES INFORMATION SERVICE Defense Dept. Arlington, VA 22209

85-12141

D 2.14:GEN-39/2

Handbook for stringers in the Armed Forces / prepared by the Defense Information School. — Ed. date 1 Oct. 1981. — Ft. Benjamin Harrison, Ind. : The School, 1981, (1984 printing)  
21 p. : ill. : 22 cm. — (DoD GEN ; 39) "NAVMC 26-84."

Bibliography: p. 21. ●Item 312-A

Page 36

1. United States — Armed Forces — Handbooks, manuals, etc. 2. Journalism, Military — United States — Handbooks, manuals, etc. I. Defense Information School. II. Series. OCLC 11664151

## JOINT CHIEFS OF STAFF Defense Dept. Washington, DC 20301

85-12142

D 5.12:15

Mobility system policies, procedures and considerations. — Washington, D.C. : The Joint Chiefs of Staff, [1983- ]  
1 v. (loose-leaf) : ill. : 28 cm. — (JCS pub. : 15) "15 September 1983." Includes bibliographical references. ●Item 315-C

1. United States. Army 2. United States — Armed Forces — Mobilization — Handbooks, manuals, etc. I. United States. Joint Chiefs of Staff. II. Series. OCLC 11766049

## DEFENSE INTELLIGENCE AGENCY Defense Dept. Washington, DC 20301

85-12143

D 5.210:984-85

Defense Intelligence School (U.S.).

Catalog / Defense Intelligence School. Washington, D.C. : The School, Defense Intelligence School, Washington, D.C. 20301-6111

v. : ill., ports. ; 23 cm.

Annual Cover title: Academic catalog (1981/82-) 1984-1985. Description based on: 1981-82. ●Item 315-F-3

1. Military education — United States — Curricula — Periodicals. 2. Defense Intelligence School (U.S.) — Curricula — Periodicals. I. Defense Intelligence School (U.S.). Academic catalog. II. Title. OCLC 09094889

## DEFENSE MAPPING AGENCY Defense Dept. Washington, DC 20305

85-12144

D 5.315/2:984-2/v.1

Summary of corrections : charts. Washington, D.C. : Defense Mapping Agency, Hydrographic/Topographic Center, Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D.C. 20315

v. : maps ; 27 cm.

Semiannual

Began with Jan. 1977. Title from cover. Oct. 1984, v. 1. Description based on: Oct. 1982, v. 1. Contents: v. 1. East coast of North and South America. Vols. issued separately throughout the year. ●Item 379-A Continues: Summary of chart corrections

1. Nautical charts — Periodicals. 2. Aids to navigation — Periodicals. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. United States. Defense Mapping Agency. Hydrographic Center. OCLC 09100181

85-12145

D 5.315/2:984-2/v.2

Summary of corrections : charts. Washington, D.C. : Defense Mapping Agency, Hydrographic/Topographic Center, Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D.C. 20315

v. : maps ; 27 cm.

Semiannual

Began with Jan. 1977. Title from cover. Nov. 1984, v. 2. Description based on: Oct. 1982, v. 1. Contents: v. 2. Eastern Atlantic and Arctic Oceans, including the Mediterranean Sea. Vols. issued separately throughout the year. ●Item 379-A Continues: Summary of chart corrections  
1. Nautical charts—Periodicals. 2. Aids to navigation—Periodicals. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. United States. Defense Mapping Agency. Hydrographic Center. OCLC 09100181

85-12146

D 5.315/2:984-2/v.4

Summary of corrections: charts. Washington, D.C.: Defense Mapping Agency, Hydrographic/Topographic Center, Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D.C. 20315

v.: maps; 27 cm.

Semiannual

Began with Jan. 1977. Title from cover. July 1984, v. 4. Description based on: Oct. 1982, v. 1. Contents: v. 4. Western Pacific. Vols. issued separately throughout the year. ●Item 379-A Continues: Summary of chart corrections  
1. Nautical charts—Periodicals. 2. Aids to navigation—Periodicals. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. United States. Defense Mapping Agency. Hydrographic Center. OCLC 09100181

85-12147

D 5.315/2:984-2/v.5

Summary of corrections: charts. Washington, D.C.: Defense Mapping Agency, Hydrographic/Topographic Center, Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D.C. 20315

v.: maps; 27 cm.

Semiannual

Began with Jan. 1977. Subtitle of Sept. 1984, v. 5 reads: Publ. Sept. 1984, v.5. Description based on: Oct. 1982, v. 1. Contents: v. 5. World and ocean basin charts, U.S. coast pilots, sailing directions, fleet guides and other publications. Vols. issued separately throughout the year. Vols. for 1977 and Mar. 1978, v. 2 were issued by the Hydrographic Center; Mar. 1978, v. 1, and (Oct. 1982-) by the Hydrographic/Topographic Center. ●Item 379-A Continues: Summary of chart corrections

1. Nautical charts—Periodicals. 2. Aids to navigation—Periodicals. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. United States. Defense Mapping Agency. Hydrographic Center. OCLC 09100181

85-12148

D 5.315/2:985/v.4

Summary of corrections: charts. Washington, D.C.: Defense Mapping Agency, Hydrographic/Topographic Center, Defense Mapping Agency, Hydrographic/Topographic Center, Washington, D.C. 20315-0030

v.: maps; 27 cm.

Semiannual

Began with Jan. 1977. Title from cover. Jan. 1985, v. 4. Description based on: Oct. 1982, v. 1. Contents: v. 4. Western Pacific. Vols. issued separately throughout the year. ●Item 379-A Continues: Summary of chart corrections  
1. Nautical charts—Periodicals. 2. Aids to navigation—Periodicals. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. United States. Defense Mapping Agency. Hydrographic Center. OCLC 09100181

85-12149

D 5.317:150/6

World port index. Washington, D.C.: U.S. Navy Hydrographic Office: For sale by authorized sales agents of the Defense Mapping Agency, Office of Distribution Services, Defense Mapping Agency, Office of Distribution Services, Washington, DC 20315

v.: ill.; 27 cm. (1953-1957: H.O. Pub.; no. 950) (1963-1970: Pub. (United States. Naval Oceanographic Office); 150) (1971-1978: Pub. (United States. Defense Mapping Agency. Hydrographic Center); 15) (1979-: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center); 150)

Biennial 1976-

Irregular 1953-1971

Began with 1953. 9th ed., 1984. Description based on: 2d ed. (1957). Vol. for (8th ed., 1982) distributed to depository libraries in microfiche. ●Item 378-D ISSN 0502-3343

1. Harbors. I. United States. Hydrographic Office. II. United States. Naval Oceanographic Office. III. United States. Defense Mapping Agency. Hydrographic Center. IV. United States. Defense Mapping Agency. Hydrographic/Topographic Center. V. Series: H.O. pub.; no. 950. VI. Series: Pub. (United States. Naval Oceanographic Office); 150. VII. Series: Pub. (United States. Defense Mapping Agency. Hydrographic Center); 150. VIII. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center); no. 150. HE552.W67 58-060168 // r83 387.1/5/05 42 19 OCLC 06928389

85-12150

D 5.317:224 (101-C) F/2

Omega propagation correction tables for 10.2 kHz: area 01 Northern Europe, Station F (Argentina) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C.: The Agency, 1985-

1 v. (loose-leaf); ill.; 28 cm. — (Pub.; 224 (101-C) F) "DMA stock no. OMPUB224101CF." ●Item 378-G

1. Omega Navigation System—Tables. 2. Navigation—Europe, Northern—Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center); 224 (101-C) F. OCLC 11765789

85-12151

D 5.317:224 (104-C) E/2

Omega propagation correction tables for 10.2 kHz: area 04, Alaska, station E (Reunion) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C.: The Center: For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1985, (1984 printing)-

1 v. (loose-leaf); ill.; 27 cm. — (Pub.; 224 (104-C) E) Chiefly tables. ●Item 378-G

1. Omega Navigation System—Tables. 2. Navigation—Alaska—Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Area 04, Alaska, station E (Reunion) III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center); 224 (104-C) E. OCLC 11732259

# Defense Mapping Agency — Defense Dept.

85-12152

D 5.317:224 (104-C) G/2

Omega propagation correction tables for 10.2 kHz : area 04, Alaska, station G (Australia) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1985, (1984 printing)-

1 v. (loose-leaf) : ill. : 27 cm. — (Pub. ; 224 (104-C) G) Chiefly tables. ●Item 378-G

1. Omega Navigation System — Tables. 2. Navigation — Alaska — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Area 04, Alaska, station G (Australia) III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (104-C) G. OCLC 11732480

85-12153

D 5.317:224 (106-C) A/3

Omega propagation correction tables for 10.2 kHz : area 06, Greenland, station A (Norway) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1985, (1984 printing)-

1 v. (loose-leaf) : ill. : 27 cm. — (Pub. ; 224 (106-C) A) Chiefly tables. ●Item 378-G

1. Omega Navigation System — Tables. 2. Navigation — Greenland — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Area 06, Greenland, station A (Norway) III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (106-C) A. OCLC 11732491

85-12154

D 5.317:224 (107-C) H/3

Omega propagation correction tables for 10.2 kHz : area 07, Mediterranean, station H (Japan) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center : For sale by authorized sales agents of the Defense Mapping Agency Office of Distribution Services, 1985-

1 v. (loose-leaf) : ill. : 28 cm. — (Pub. ; 224 (107-C) H) ●Item 378-G

1. Omega Navigation System — Tables. 2. Mediterranean Sea — Navigation — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (107-C) H. OCLC 11731699

85-12155

D 5.317:224 (108-C) C/3

Omega propagation correction tables for 10.2 kHz : area 08, Asia, station C (Hawaii) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1985.

xi, 97 p. : ill. : 27 cm. — (Pub. ; 224 (108-C) C) ●Item 378-G

1. Omega Navigation System — Tables. 2. Navigation — Asia. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Area 08, Asia, station C (Hawaii) III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (108-C) C. OCLC 11662627

85-12156

D 5.317:224 (109-C) G/2

Omega propagation correction tables for 10.2 kHz : area 09, Northwest Pacific Station G (Australia) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center, 1985-

1 v. (loose-leaf) : 1 map ; 28 cm. — (Pub. ; 224 (109-C) G) Chiefly tables. "DMA stock no. OMPUB224109CG."

●Item 378-G

1. Omega Navigation System — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (109-C) G. OCLC 11750827

85-12157

D 5.317:224 (110-C) G/4

Omega propagation correction tables for 10.2 kHz : area 10, central Pacific, station G (Australia) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center : For sale by authorized Sales Agents of the Defense Mapping Agency, Office of Distribution Services, 1985.

x, 97 p. : ill. : 27 cm. — (Pub. ; 224 (110-C) G) ●Item 378-G

1. Omega Navigation System — Tables. 2. Pacific Ocean — Navigation. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Area 10, central Pacific, station G (Australia) III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (110-C) G. OCLC 11663650

85-12158

D 5.317:224 (111-C) G/3

Omega propagation correction tables for 10.2 kHz : area 11, North America, station G (Australia) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1985-

1 v. (loose-leaf) : ill. : 27 cm. — (Pub. ; 224 (111-C) G) Chiefly tables. ●Item 378-G

1. Omega Navigation System — Tables. 2. Navigation — North America — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Area 11, North America, station G (Australia) III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (111-C) G. OCLC 11743747

85-12159

D 5.317:224 (117-C) D/3

Omega propagation correction tables for 10.2 kHz : area 17, east Pacific, station D (North Dakota) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center : For sale by authorized Sales Agents of the Defense Mapping Agency Office of Distribution Services, 1985.

x, 97 p. : ill. : 27 cm. — (Pub. ; 224 (117-C) D) ●Item 378-G

1. Omega Navigation System. 2. Pacific Ocean — Navigation — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Area 17, east Pacific, station D (North Dakota) III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (117-C) D. OCLC 11663506

85-12160

D 5.317:224 (2004-C)

Loran-C secondary phase correction table : central Pacific / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. — Washington, D.C. : The Center, 1984.

ix, 23 p. : ill. ; 28 cm. — (Pub. ; no. 221 (2004-C)) Cover title. "PAIR 4990-Y." ●Item 378-F

I. Loran — Tables. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: Central Pacific. III. Series: Pub. (United States. Defense Mapping Agency. Hydrographic/Topographic Center) ; 224 (2001-C). OCLC 11663772

85-12161

D 5.350:14003

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

North America-East Coast-Cape Race to Cape Henry / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 5th ed., May 26, 1984 (correct through NM 21/84). Scale 1:1,532,210 at lat. 45°; Mercator proj. (W 76°10'00"—W 51°00'00"/N 48°00'00"—N 36°30'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 82 x 132 cm. "Omega." Depth shown by isolines and soundings. Relief shown by spot heights. "Soundings in fathoms." Includes index of next to larger scale charts. ●Item 379-Y-1 S/N 14ACO14003 @ DMA

I. Nautical charts — North America. 2. Atlantic Coast (United States and Canada) — Navigation. I. Title. II. Title: Cape Race to Cape Henry. OCLC 11737654

85-12162

D 5.350:21030

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Central America, Pacific Coast, Cabo Velas to Punta Mala / prepared and published by the Defense Mapping Agency, Hydrographic/Topographic Center. 4th ed., Apr. 7, 1984 (Correct through NM 14/84). Scale 1:723,000 at lat. 8°; Mercator proj. ; (W 88°20'00"—W 79°55'00"/N 5°25'00"—N 10°45'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984].

1 map : col. ; 83 x 130 cm. "Omega." Depth shown by isolines and soundings. Relief shown by shading and spot heights. "Soundings in fathoms and feet." Includes index to next larger scale charts. ●Item 379-Y-2 S/N 21ACO21030 @ DMA

I. Nautical charts — Pacific Coast (Central America) I. Title. II. Title: Cabo Velas to Punta Mala. OCLC 11654677

85-12163

D 5.350:21540

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

West coast, Nicaragua-Costa Rica, Corinto to Punta Guiones / prepared and published by the Defense Mapping Agency, Hydrographic/Topographic Center. 36th ed., June 9, 1984 (Correct through NM 23/84). Scale 1:300,000 at lat. 11°00' ; Mercator proj. ; (W 87°38'00"—W 85°36'00"/N 9°32'00"—N 12°30'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984].

1 map : col. ; 111 x 76 cm. "Omega." Depth shown by soundings and isolines. Relief shown by contours and spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-2 S/N 21ACO21540 @ DMA

I. Nautical charts — Pacific Coast (Central America) I. Title. II. Title: Corinto to Punta Guiones. OCLC 11654812

85-12164

D 5.350:22290

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Chile, Bahia de Valparaiso to Golfo de Arauco / published by the Defense Mapping Agency, Hydrographic/Topographic Center. 2nd Ed., Aug. 25, 1984 (Correct through NM 34/84). Scale 1:500,000 at lat. 35°00'00" ; Mercator proj. ; (W 74°50'00"—W 71°20'00"/S 37°20'00"—S 32°40'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984].

1 map : col. ; 106 x 66 cm. "Omega." Depth shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." Includes index to next larger scale charts. ●Item 379-Y-2 S/N 22ACO22290 @ DMA

I. Nautical charts — Chile — Pacific Coast. 2. Pacific Coast (Chile) — Navigation. I. Title. II. Title: Bahia de Valparaiso to Golfo de Arauco. OCLC 11680176

85-12165

D 5.350:23030

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

South America, Argentina-Uruguay-East Coast, Rio de la Plata to Bahia Blanca / prepared and published by the Defense Mapping Agency, Hydrographic/Topographic Center. 5th ed., Aug. 4, 1984 (Correct through NM 31/84). Scale 1:778,790 at lat. 37°00' ; Mercator proj. ; (W 63°00'00"—W 53°00'00"/S 34°20'00"—S 40°00'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984].

1 map : col. ; 83 x 117 cm. "Omega." Depth shown by isolines and soundings. Relief shown by hachures and spot heights. "Soundings in fathoms." Includes index to next larger scale charts. ●Item 379-Y-2 S/N 23ACO23030 @ DMA

I. Nautical charts — South America. I. Title. II. Title: Rio de la Plata to Bahia Blanca. OCLC 11664526

85-12166

D 5.350:24008

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Brazil-east coast, Belmonte to Rio de Janeiro / published by the Defense Mapping Agency, Hydrographic/Topographic Center. 40th ed., Sept. 1, 1984 (Correct through NM 35/84). Scale 1:1,091,261 at lat. 19°50' ; Mercator proj. ; (W 43°15'00"—W 36°30'00"/S 24°20'00"—S 15°20'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984].

1 map : col. ; 93 x 66 cm. "Omega." Depths shown by isolines and soundings. Relief shown by hachures and spot heights. "Soundings in meters." Includes index to next larger scale charts. ●Item 379-Y-2 S/N 24ACO24008 @ DMA

I. Nautical charts — Brazil — Atlantic Coast. 2. Atlantic Coast (Brazil) — Navigation. I. Title. II. Title: Belmonte to Rio de Janeiro. OCLC 11680593

85-12167

D 5.350:24012

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Brazil-east coast, Recife to Belmonte / published by the Defense Mapping Agency, Hydrographic/Topographic Center. 39 ed., Aug. 11, 1984 (Correct through NM 32/84). Scale 1:1,136,159 at lat. 11°35' ; Mercator proj. ; (W 39°30'00"—W 33°00'00"/S 16°20'00"—S 6°50'00"). — Wash-

# Defense Mapping Agency — Defense Dept.

ington, D.C. : The Center : [DMA, DVCP, distributor], 1984.

1 map : col. ; 94 x 64 cm. "Omega." Depths shown by soundings and isolines. "Soundings in meters." ●Item 379-Y-2 S/N 24ACO24012 @ DMA

1. Nautical charts — Brazil — Atlantic Coast. 2. Atlantic Coast (Brazil) — Navigation. I. Title. II. Title: Recife to Belmonte. OCLC 11680648

85-12168

D 5.350:24036

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

South America, Panama-Columbia and Venezuela-North coast, Golfo de Uruba to Puerto Cabello / prepared and published by the Defense Mapping Agency, Hydrographic/Topographic Center. 53rd ed., Sept. 22, 1984 (Correct through NM 38/84). Scale 1:956,170 ; Mercator proj. ; (W 78°—W 68°/N 15°—N 8°). — Washington, D.C. : The Center : [DMA, DVCP, distributor], 1984.

1 map : col. ; 84 x 119 cm. "Omega." Depth shown by isolines and soundings. Relief shown by hachures and spot heights. "Soundings in fathoms." Includes chart showing 1980 magnetic variation curves in purple. ●Item 379-Y-2 S/N 24ACO24036 @ DMA

1. Nautical charts — South America. I. Title. II. Title: Golfo de Uruba to Puerto Cabello. OCLC 11664581

85-12169

D 5.350:24160

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Brazil-East coast, Cabo de Sao Tome to Rio de Janeiro / published by the Defense Mapping Agency, Hydrographic/Topographic Center. 18th ed., July 14, 1984 (Correct through NM 28/84). Scale 1:292,760 at lat. 22°40' ; Mercator proj. ; (W 43°25'00"—W 40°30'00"/S 23°30'00"—S 21°50'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor], 1984.

1 map : col. ; 64 x 104 cm. "Omega." Depths shown by soundings and isolines. Relief shown by hachures and spot heights. "Soundings in meters." ●Item 379-Y-2 S/N 24ACO24160 @ DMA

1. Nautical charts — Brazil — Atlantic Coast. 2. Atlantic Coast (Brazil) — Navigation. I. Title. II. Title: Cabo de Sao Tome to Rio de Janeiro. OCLC 11680192

85-12170

D 5.350:24340

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Brazil-north coast, Cabo Orange to Ilha de Maraca / published by the Defense Mapping Agency, Hydrographic/Topographic Center. 3rd ed., Aug. 11, 1984 (Correct through NM 32/84). Scale 1:316,546 at lat. 3°25' ; Mercator proj. ; (W 51°55'00"—W 49°35'00"/N 2°00'00"—N 4°50'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor], 1984.

1 map : col. ; 100 x 83 cm. "Omega." Depths shown by soundings and isolines. Relief shown by contours and spot heights. "Soundings in meters." ●Item 379-Y-2 S/N 24ACO24340 @ DMA

1. Nautical charts — Brazil — Atlantic Coast. 2. Atlantic Coast (Brazil) — Navigation. I. Title. II. Title: Cabo Orange to Ilha de Maraca. OCLC 11680372

85-12171

D 5.350:24390

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

South America, Venezuela-Northeast coast, Serpents Mouth to Rio Orinoco, including approaches to Boca Grande / prepared and published by the Defense Mapping Agency, Hydrographic/Topographic Center. 2nd ed., Sept. 8, 1984 (Correct through NM 36/84). Scale 1:250,000 at lat. 9°20' ; Mercator proj. ; (W 62°15'00"—W 59°30'00"/N 8°30'00"—N 10°12'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor], 1984.

1 map : col. ; 84 x 129 cm. Depth shown by isolines and soundings. Relief shown by hachures and spot heights. "Soundings in fathoms." Includes index to next larger scale charts. ●Item 379-Y-2 S/N 24ACO24390 @ DMA

1. Nautical charts — South America. 2. Nautical charts — Venezuela. I. Title. II. Title: Serpents Mouth to Rio Orinoco, including approaches to Boca Grande. OCLC 11654851

85-12172

D 5.350:35080

Great Britain. Admiralty.

Scotland-east coast, Montrose to Berwick : facsimile reproduction of British Admiralty chart 1407. 15th ed., July 28, 1984 (correct through NM 30/84) Scale 1:200,000 at lat. 58°00' ; Mercator proj. (W 3°30'00"—W 0°11'08"/N 56°50'20"—N 55°38'00"). — Washington, D.C. : Defense Mapping Agency, Hydrographic/Topographic Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 73 x 107 cm. "DECCA." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." "Not for sale outside U.S.A., not to be reproduced (British copyright applies)." Includes Source data Admiralty Surveys diagram. ●Item 379-Y-3 S/N 35ACO35080 @ DMA

1. Nautical charts — Scotland. 2. North Sea — Navigation. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title. III. Title: Montrose to Berwick. OCLC 11739868

85-12173

D 5.350:37035

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

North and west coasts of Spain, Cabo Silleiro to Cabo Penas / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 14th ed., June 16, 1984 (correct through NM 24/84) Scale 1:350,000 at lat. 44°00' ; Mercator proj. (W 10°25'00"—W 5°30'00"/N 44°25'00"—N 42°00'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 76 x 113 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by form lines and hachures. "Soundings in fathoms." Includes index to next larger scale charts. ●Item 379-Y-3 S/N 37ACO37035 @ DMA

1. Nautical charts — Spain. 2. Biscay, Bay of (France and Spain) — Navigation. I. Title. II. Title: Cabo Silleiro to Cabo Penas. OCLC 11760785

85-12174

D 5.350:37070

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

United Kingdom-France, English Channel, Eddystone Rocks to Isle of Portland and Pointe de Beg to Cap Frehel / prepared and published by the Defense Mapping Agency

Hydrographic/Topographic Center. 6th ed., Sept. 8, 1984 (correct through NM 36/84). Scale 1:200,000 at lat. 50°: Mercator proj. (W 4°30'00"—W 2°15'00"/N 50°50'00"—N 48°30'00").— Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 129 x 81 cm. "DECCA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale charts. ●Item 379-Y-3 S/N 37ACO37070 @ DMA

1. Nautical charts—Great Britain. 2. Nautical charts—France. 3. English Channel—Navigation. I. Title. II. Title: Eddystone Rocks to Isle of Portland and Pointe de Beg to Cap Fr elhel. OCLC 11745762

85-12175

D 5.350:37110

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

United Kingdom-France, English Channel, Worthing to Dover and Courseulles to Cap Gris-Nez / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 8th ed., Aug. 4, 1984 (correct through NM 31/84) Scale 1:200,000 ; Mercator proj. (W 0°30'00"—W 1°45'00"/N 51°10'00"—N 49°00'00").— Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 121 x 81 cm. "DECCA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale. Inset: France, Approaches to Dieppe. Scale 1:15,000. ●Item 379-Y-3 S/N 37ACO37110 @ DMA

1. Nautical charts—Great Britain. 2. Nautical charts—France. 3. English Channel—Navigation. I. Title. II. Title: Worthing to Dover and Courseulles to Cap Gris-Nez. OCLC 11749950

85-12176

D 5.350:37130

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

English Channel-North Sea, Dover to Orford Ness and Cap Gris-Nez to Hoek Van Holland / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 8th ed., Aug. 25, 1984 (correct through NM 34/84) Scale 1:200,000 at lat. 50°N ; Mercator proj. (E 0°50'00"—E 4°25'00"/N 52°10'00"—N 50°45'00").— Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 82 x 129 cm. "DECCA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale charts. ●Item 379-Y-3 S/N 37ACO37130 @ DMA

1. Nautical charts—Great Britain. 2. Nautical charts—France. 3. Nautical charts—Netherlands. 4. North Sea—Navigation. I. Title. II. Title: Dover to Orford Ness and Cap Gris-Nez to Hoek Van Holland. OCLC 11749801

85-12177

D 5.350:37220

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

North Sea, Denmark-Netherlands, West Germany, Ameland to Fano / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 11th ed., Sept. 8, 1984 (correct through NM 36/84) Scale 1:300,000 at lat. 54°30' ; Mercator proj. (E 3°30'00"—E 9°02'00"/N 55°35'00"—N 53°26'00").— Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 80 x 120 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by spot heights.

"Soundings in fathoms and feet." Includes index to next larger scale charts. ●Item 379-Y-3 S/N 37ACO37220 @ DMA

1. Nautical charts—Denmark. 2. Nautical charts—Netherlands. 3. Nautical charts—Germany (West) 4. North Sea—Navigation. I. Title. II. Title: Ameland to Fano. OCLC 11751929

85-12178

D 5.350:38100

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Denmark Strait, Greenland (Denmark)-east coast, Lemon Bugt to Storo / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 4th ed., Aug. 25, 1984 (correct through NM 34/84) Scale 1:250,000 at lat. 65°00' ; Mercator proj. (W 41°20'00"—W 34°30'00"/N 66°14'00"—N 64°27'00").— Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 81 x 129 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-3 S/N 38ACO38100 @ DMA

1. Nautical charts—Greenland. 2. Denmark Strait (Greenland and Iceland)—Navigation. I. Title. II. Title: Lemon Bugt to Storo. OCLC 11763301

85-12179

D 5.350:38120

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Denmark Strait, Greenland (Denmark)-east coast, Kap Gustav Holm sheet / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 3rd ed., Aug. 25, 1984 (correct through NM 34/84) Scale 1:250,000 at lat. 65°00' ; Mercator proj. (W 38°10'00"—W 31°30'00"/N 67°40'00"—N 66°00'00").— Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 80 x 126 cm. "LORAN-C." Depths shown by soundings. Relief shown by contours, hachures, and spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-3 S/N 38ACO38120 @ DMA

1. Nautical charts—Greenland. 2. Denmark Strait (Greenland and Iceland)—Navigation. I. Title. II. Title: Kap Gustav Holm sheet. OCLC 11763409

85-12180

D 5.350:38480

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Greenland-west coast, Nordra StrOm fjord to Egedesminde / published by the Defense Mapping Agency Hydrographic/Topographic Center. 5th ed., May 26, 1984 (correct through NM 21/84) Scale 1:250,000 at lat. 65°: Mercator proj. (W 56°15'00"—W 49°30'00"/N 68°50'00"—N 67°15'00").— Washington, D.C. : The Center : [DMA, DVCP, distributor], 1984.

1 map : col. ; 80 x 128 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in fathoms and feet." Includes compilation diagram. ●Item 379-Y-1 S/N 38BCO38480 @ DMA

1. Nautical charts—Greenland. 2. Atlantic coast (Greenland)—Navigation. I. Title. II. Title: Nordre StrOm fjord to Egedesminde. OCLC 11773973

# Defense Mapping Agency — Defense Dept.

85-12181

D 5.350:38680

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Iceland-north coast, Horn to Raudinupur / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 3rd ed., July 21, 1984 (correct through NM 29/84). Scale 1:300,000 at lat. 65°00' ; Mercator proj. (W 22°33'00"—W 15°25'00"/N 67°12'00"—N 65°32'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. : 66 x 97 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." Includes compilation diagram. Insets: Saudarkrokur. Scale 1:12,500 — Husavik. Scale 1:20,000. ●Item 379-Y-3 S/N 38ACO38680 @ DMA

1. Nautical charts — Iceland. 2. Iceland. 3. Norwegian Sea — Navigation. I. Title. II. Title: Horn to Raudinupur. OCLC 11741104

85-12182

D 5.350:43015

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Norway, Lindesnes to Nordkapp / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 11th ed., June 16, 1984 (correct through NM 24/84). Scale 1:2,000,000 at lat. 65° ; Mercator proj. (W 2°00'00"—E 26°30'00"/N 72°00'00"—N 57°00'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. : 85 x 68 cm. "CONSOL." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in fathoms and feet." ●Item 379-Y-4 S/N 43ACO43015 @ DMA

1. Nautical charts — Norway. 2. Norwegian Sea — Navigation. 3. North Sea — Navigation. I. Title. II. Title: Lindesnes to Nordkapp. OCLC 11768637

85-12183

D 5.350:43220

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Norway-west coast, Brandsfjord to Leka / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 2nd ed., Sept. 1, 1984 (correct through NM 35/84). Scale 1:206,350 at lat. 64°40' ; Mercator proj. (E 8°30'00"—E 12°22'00"/N 65°13'00"—N 64°08'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. : 59 x 90 cm. Depths shown by isolines and soundings. Relief shown by form lines and spot heights. "Soundings in fathoms." Includes index to next larger scale charts. ●Item 379-Y-4 S/N 43ACO43220 @ DMA

1. Nautical charts — Norway. 2. Norwegian Sea — Navigation. I. Title. II. Title: Brandsfjord to Leka. OCLC 11768715

85-12184

D 5.350:44030

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Baltic Sea, Sweden and Finland, Gulf of Bothnia / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 6th ed., June 23, 1984 (correct through NM 25/84). Scale 1:665,040 at lat. 63° ; Mercator proj. (E 16°45'00"—E 25°50'00"/N 66°00'00"—N 59°43'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. : 108 x 71 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by spot heights.

"Soundings in fathoms." Includes index to next larger scale charts. ●Item 379-Y-4 S/N 44ACO44030 @ DMA

1. Nautical charts — Sweden. 2. Nautical charts — Finland. 3. Baltic Sea — Navigation. 4. Bothnia, Gulf of — Navigation. I. Title. II. Title: Gulf of Bothnia. OCLC 11760601

85-12185

D 5.350:44140

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Baltic Sea, Sweden-east coast, Gotland / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 6th ed., Aug. 18, 1984 (correct through NM 33/84). Scale 1:202,000 at lat. 59° ; Mercator proj. (E 17°35'00"—E 20°10'00"/N 58°36'00"—N 56°47'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. : 97 x 74 cm. "DECCA." Depths shown by isolines and soundings. "Soundings in fathoms." Insets: Entrance to Slite — Visby — Ronehamn — Farosund. ●Item 379-Y-4 S/N 44ACO44140 @ DMA

1. Nautical charts — Baltic Sea (Sweden). 2. Baltic Sea — Navigation. I. Title. II. Title: Gotland. OCLC 11772923

85-12186

D 5.350:51460

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Africa-West Coast, Mauritania—Western Sahara : Cap Blanc to Nouakchott / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 3rd ed., May 12, 1984 (correct through NM 19/84). Scale 1:282,910 at lat. 19°30'00"N. ; Mercator proj. (W 18°05'00"—W 15°54'00"/N 21°00'00"—N 17°45'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. : 129 x 83 cm. "OMEGA." Depths shown by soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-5 S/N 51ACO51460 @ DMA

1. Nautical charts — Mauritania. 2. Mauritania. I. Title. II. Title: Cap Blanc to Nouakchott. OCLC 11690965

85-12187

D 5.350:52080

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Mediterranean Sea, Spain-southeast coast, Cartagena to Cabo de San Antonio / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 12th ed., May 26, 1984 (correct through NM 21/84). Scale 1:230,530 at Lat. 38° ; Mercator proj. (W 1°09'00"—E 0°35'00"/N 39°00'00"—N 37°00'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. : 98 x 68 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by hachures and spot heights. "Soundings in fathoms." ●Item 379-Y-5 S/N 52ACO52080 @ DMA

1. Nautical charts — Mediterranean Sea. 2. Mediterranean Sea — Navigation. I. Title. II. Title: Cartagena to Cabo de San Antonio. OCLC 11769603

85-12188

D 5.350:53140

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Mediterranean Sea, Italy-west coast, Civitavecchia to Isola di Ponza / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 13th ed., Oct. 8,

1983 (correct through NM 41/83) Scale 1:219,150 at lat. 41°30' ; Mercator proj. (E 14°03'00"—E 10°50'00"/N 42°16'00"—N 40°44'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1983]

1 map : col. ; 80 x 124 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by hachures and spot heights. "Soundings in fathoms." Includes index to next larger scale charts. ●Item 379-Y-5 S/N 53ACO53140 @ DMA

1. Nautical charts — Mediterranean Sea. 2. Mediterranean Sea — Navigation. I. Title. II. Title: Civitavecchia to Isola Di Ponza. OCLC 11769558

85-12189

D 5.350:53180

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Mediterranean Sea, Italy-west coast, Capo Tirone to Punta Caronia / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 8th ed., July 28, 1984 (correct through NM 30/84) Scale 1:228,170 at lat. 38°45' ; Mercator proj. (E 16°18'30"—E 14°18'00"/N 39°44'00"—N 37°42'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 101 x 79 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale charts. ●Item 379-Y-5 S/N 53ACO53180 @ DMA

1. Nautical charts — Mediterranean Sea. 2. Nautical charts — Mediterranean Sea. 3. Mediterranean Sea — Navigation. I. Title. II. Title: Capo Tirone to Punta Caronia. OCLC 11769491

85-12190

D 5.350:53280

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Mediterranean Sea, Italy-France, Sardegna (Sardinia), northern part / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 5th ed., Sept. 17, 1983 (correct through NM 38/83) Scale 1:251,890 ; Mercator proj. (E 7°39'00"—E 10°21'00"/N 41°29'00"—N 39°55'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 71 x 92 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale charts. ●Item 379-Y-5 S/N 53ACO53280 @ DMA

1. Nautical charts — Sardinia. 2. Mediterranean Sea — Navigation. I. Title. II. Title: Sardegna (Sardinia), northern part. OCLC 11776183

85-12191

D 5.350:54080

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Mediterranean Sea, Adriatic, Italy-east coast, Brindisi to Promontorio Del Gargano / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 4th ed., Aug. 11, 1984 (correct through NM 32/84) Scale 1:220,160 at lat. 41°12' ; Mercator proj. (E 18°41'00"—E 15°45'00"/N 42°00'00"—N 40°23'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 83 x 113 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by form lines, hachures and spot heights. "Soundings in fathoms." ●Item 379-Y-5 S/N 54ACO54080 @ DMA

1. Nautical charts — Mediterranean Sea. 2. Nautical charts — Adriatic Sea. 3. Mediterranean Sea — Navigation.

4. Adriatic Sea — Navigation. I. Title. II. Title: Brindisi to Promontorio Del Gargano. OCLC 11769444

85-12192

D 5.350:54220

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Mediterranean, Adriatic Sea, Yugoslavia, Otok Brac to Dubrovnik / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 4th ed., Jan. 28, 1984 (correct through NM 4/84) Scale 1:167,000 at lat. 42°40' ; Mercator proj. (E 18°08'00"—E 16°28'00"/N 43°35'00"—N 41°54'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 114 x 83 cm. "LORAN-C." Depths shown by isolines and soundings. Relief shown by form lines and spot heights. "Soundings in fathoms and feet." Insets: Peljeski Kanal — Luka Velji Lago and Luka Mali Lago. ●Item 379-Y-5 S/N 54ACO54220 @ DMA

1. Nautical charts — Yugoslavia. 2. Adriatic Sea — Navigation. I. Title. II. Title: Otok Brac to Dubrovnik. OCLC 11776150

85-12193

D 5.350:56190

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Mediterranean Sea, Libya-Gulf of Sidra, Ra's AlUwayja' to Ra's Tawinis / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 3rd ed., Feb. 11, 1984 (correct through NM 6/84) Scale 1:250,000 (Lat. 31°00'00"N.) ; Mercator proj. (W 17°30'00"—W 20°20'00"/N 32°00'00"—N 30°10'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 80 x 105 cm. "LORAN-C." Depths shown by soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-5 S/N 56AC056190 @ DMA

1. Nautical charts — Libya — Sidra, Gulf of. 2. Sidra, Gulf of (Libya) — Navigation. I. Title. II. Title: Ra's Al Uwayja' to Ra's Tawinis. OCLC 11681841

85-12194

D 5.350:61200

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Indian Ocean, Africa-east coast, Kenya-Tanzania, Dar es Salaam to Mombasa Harbor / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 5th ed., July 28, 1984 (correct through NM 30/84) Scale 1:300,000 ; Mercator proj. (E 38°45'00"—E 40°45'00"/S 4°00'00"—S 6°55'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 108 x 74 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale charts. ●Item 379-Y-6 S/N 61ACO61200 @ DMA

1. Nautical charts — Kenya. 2. Nautical charts — Tanzania. 3. Indian Ocean — Navigation. I. Title. II. Title: Dar es Salaam to Mombasa Harbor. OCLC 11745864

85-12195

D 5.350:61240

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Africa-east coast, Somalia, Cadale (Italia) to Baraawe / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 5th ed., May 19, 1984 (correct through NM 20/84) Scale 1:300,000 at lat. 5°00' ; Mercator

# Defense Mapping Agency — Defense Dept.

proj. (E 44°00'00"—E 46°55'00"/N 2°55'00"—N 0°55'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 74 x 108 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." From Italian charts to 1941: 818, 819, 805, and 833. Copyright restrictions of the country of origin continue to exist. Inset: Mugdisho (Mogadishu). Scale 1:20,000. Includes compilation diagram. ●Item 379-Y-6 S/N 61ACO61240 @ DMA

1. Nautical charts—Somalia. 2. Indian Ocean—Navigation. I. Title. II. Title: Cadale (Itala) to Baraawe. OCLC 11749983

85-12196

D 5.350:61270

Indian Ocean, Africa-East Coast, Somalia, g. Raas Garmaal to g. Raas Cabaad. 3rd ed., Aug. 4, 1984 (correct through NM 31/84) Scale 1:300,000 at lat. 05°00' : Mercator proj. (E 49°03'00"—E 51°03'00"/N 8°55'00"—N 6°00'00"). — Washington, D.C. : Defense Mapping Agency Hydrographic/Topographic Center, 1984.

1 map : col. ; 109 x 74 cm. "OMEGA." From Italian and French charts to 1962: Italian chart 815 (1:300,000 ed. 1940, corr. 1955), Italian chart 816 (1:300,000 ed. 1940, corr. 1959), French chart 6267 (1:421,670 ed. corr. 1962). "Copyright restrictions of the country of origin continue to exist." Depths shown by isolines and soundings. Relief shown by contours, hachures, and spot heights. "Soundings in meters." Includes compilation diagram. Inset: Qooriga Neegro (Scale 1:50,000. From an Italian chart in 1940). ●Item 379-Y-6 S/N 61ACO61270 @ DMA

1. Nautical charts—Somalia. 2. Indian Ocean—Navigation. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title: g. Raas Garmaal to g. Raas Cabaad. III. Title: g. Raas Garmaal to g. Raas Cabaad. OCLC 11745540

85-12197

D 5.350:62400

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Asia, Persian Gulf-southeastern part, Halat Al Mubarraz to Ash Shariqah / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 13th ed., Apr. 14, 1984 (correct through NM 15/84) Scale 1:200,000 at lat. 25°30' : Mercator proj. (E 53°20'00"—E 55°30'00"/N 25°28'00"—N 24°05'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 77 x 109 cm. "DECCA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale charts. ●Item 379-Y-6 S/N 62ACO62400 @ DMA

1. Nautical charts—Persian Gulf Region. 2. Persian Gulf—Navigation. I. Title. II. Title: Halat Al Mubarraz to Ash Shariqah. OCLC 11749849

85-12198

D 5.350:62445

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Persian Gulf, Kuwait-Iraq-Iran, Outer Approaches to Shatt Al Arab and Khawr-E Musa / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 3rd ed., Mar. 17, 1984 (correct through NM 11/84) Scale 1:100,000 at lat. 29°33' : Mercator proj. (E 48°26'00"—E 49°35'30"/N 29°53'15"—N 29°13'15"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 74 x 113 cm. Depths shown by soundings and isolines. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-6 S/N 62ACO62445 @ DMA

1. Nautical charts—Kuwait. 2. Nautical charts—Iraq. 3. Nautical charts—Iran. 4. Persian Gulf—Navigation. I. Title. II. Title: Outer Approaches to Shatt Al Arab and Khawr-E Musa. OCLC 11748085

85-12199

D 5.350:63090

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

India, west coast, Tarapur to Bankot / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 6th ed., Sept. 1, 1984 (correct through NM 35/84) Scale 1:300,000 at lat. 17°00' : Mercator proj. (E 70°30'00"—E 73°01'00"/N 19°55'00"—N 17°45'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 81 x 95 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-6 S/N 63ACO63090 @ DMA

1. Nautical charts—India. 2. Arabian Sea—Navigation. I. Title. II. Title: Tarapur to Bankot. OCLC 11745717

85-12200

D 5.350:63270

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

India-east coast, Bay of Bengal, Palar River to Penner River / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 7th ed., Sept. 1, 1984 (correct through NM 35/84). Scale 1:300,000 at lat. 17°00' : Mercator proj. (E 79°40'00"—E 81°40'00"/N 14°50'00"—N 12°10'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 97 x 71 cm. Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-6 S/N 63BCO63270 @ DMA

1. Nautical charts—India. 2. Bengal, Bay of—Navigation. I. Title. II. Title: Palar River to Penner River. OCLC 11745901

85-12201

D 5.350:71012

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Indonesia, Sumatera-West Coast, Padang to Bengkulu including Kepulauan Mentawai / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 3rd ed., May 19, 1984 (correct through NM 20/84) Scale 1:499,326 at lat. 3° : (E 98°00'00"—E 102°45'00"/S 04°00'—S 4°05'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 73 x 106 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by contours, form lines, and spot heights. "Soundings in fathoms." Includes index to next larger scale charts. ●Item 379-Y-7 S/N 71ACO71012 @ DMA

1. Nautical charts—Indonesia—Sumatra. 2. Indian Ocean—Navigation. I. Title. II. Title: Padang to Bengkulu including Kepulauan Mentawai. OCLC 11747682

85-12202

D 5.350:71021

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Indonesia, Sumatera-east coast, Selat Bangka and Selat Gelasa / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 9th ed., Aug. 11, 1984 (correct through NM 32/84) Scale 1:500,000 at lat. 3°00' ; Mercator proj. (E 104°45'00"—E 108°00'00"/S 0°35'00"—S 5°20'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 105 x 73 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in fathoms." Includes index to next larger scale charts. ●Item 379-Y-7 S/N 71AC071021 @ DMA

1. Nautical charts — Indonesia — Sumatra. 2. Sumatra (Indonesia) — Navigation. 3. South China Sea — Navigation. I. Title. II. Title: Selat Bangka and Selat Gelasa. OCLC 11741255

85-12203

D 5.350:71230

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Sumatera-east coast with offlying islands, Singapore Strait to Selat Bangka / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 9th ed., Oct. 15, 1983 (correct through NM 42/84) Scale 1:300,000 at lat. 0°00' ; Mercator proj. (E 103°15'00"—E 105°20'00"/N 1°15'00"—S 2°00'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1983]

1 map : col. ; 120 x 78 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by form lines, hachures, and spot heights. "Soundings in fathoms." ●Item 379-Y-7 S/N 71AC071230 @ DMA

1. Nautical charts — Indonesia — Sumatra. 2. South China Sea — Navigation. I. Title. II. Title: Singapore Strait to Selat Bangka. OCLC 11760707

85-12204

D 5.350:74380

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Australia-north coast, Port Essington to Cape Stewart / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 3rd ed., Aug. 25, 1984 (correct through NM 34/84) Scale 1:348,040 at lat. 11°30' ; (E 131°58'15"—E 134°59'00"/S 10°15'00"—S 12°12'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 62 x 96 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by form lines and spot heights. "Soundings in fathoms." ●Item 379-Y-7 S/N 74BC074380 @ DMA

1. Nautical charts — Australia. 2. Arafura Sea — Navigation. I. Title. II. Title: Port Essington to Cape Stewart. OCLC 11768591

85-12205

D 5.350:74560

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Indian Ocean, Australia-West Coast, Western Australia, Houtman Abrolhos and adjacent coast / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 7th ed., May 26, 1984 (correct through NM 21/84) Scale 1:300,000 at lat. 29°S ; Mercator proj. (E 113°09'—E 115°04'/S 28°00"—S 29°43'). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 66 x 109 cm. "OMEGA." Depths shown by soundings. Relief shown by spot heights. Soundings in meters. Inset: Champion Bay. Scale 1:20,000. Includes compilation diagram. ●Item 379-Y-7 S/N 74AC074560 @ DMA

1. Nautical charts — Australia — Indian Coast. 2. Indian Coast (Australia) — Navigation. I. Title: Houtman Abrolhos and adjacent coast. OCLC 11691031

85-12206

D 5.350:76040

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

New Zealand, North Island-North Coast, Cape Maria Van Diemen to Tutukaka Harbor including Three Kings Islands / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 7th ed., Sept. 8, 1984 (correct through NM 36/84) Scale 1:300,000 at lat. 34°50' ; Mercator proj. (E 171°52'00"—E 174°58'00"/S 34°01'00"—S 35°40'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 61 x 95 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale charts. ●Item 379-Y-7 S/N 76AC076040 @ DMA

1. Nautical charts — New Zealand. 2. South Pacific Ocean coast (New Zealand) — Navigation. I. Title. II. Title: Cape Maria Van Diemen to Tutukaka Harbor including Three Kings Islands. OCLC 11752027

85-12207

D 5.350:76050

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

New Zealand, North Island-east and west coasts, Manukau Harbor to Maunganui Bluff and Tutukaka Harbor to Mayor Island / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 6th ed., July 28, 1984 (correct through NM 30/84) Scale 1:293,940 at lat. 36°27' ; Mercator proj. (E 173°21'00"—E 176°30'00"/S 35°36'00"—S 37°18'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 65 x 97 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-7 S/N 76AC076050 @ DMA

1. Nautical charts — New Zealand. 2. South Pacific Ocean Coast (New Zealand) — Navigation. I. Title. II. Title: Manukau Harbor to Maunganui Bluff and Tutukaka Harbor to Mayor Island. OCLC 11760661

85-12208

D 5.350:76060

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

New Zealand, North Island-West Coast, Cape Egmont to Manukau Harbour / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 6th ed., May 19, 1984 (correct through NM 20/84) Scale 1:300,000 at lat. 38°12'30" ; Mercator proj. (E 173°00'00"—E 175°10'00"/S 37°00'00"—S 39°25'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 90 x 64 cm. "OMEGA." Depths shown by isolines and soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-7 S/N 76AC076060 @ DMA

## Defense Mapping Agency — Defense Dept.

1. Nautical charts — New Zealand. 2. South Pacific Ocean coast (New Zealand) — Navigation. I. Title. II. Title: Cape Egmont to Manukau Harbour. OCLC 11752127

85-12209

D 5.350:82015

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

South Pacific Ocean, Papua New Guinea and Solomon Islands, Solomon Islands / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 10th ed., June 9, 1984 (correct through NM 23/84) Scale 1:963,727 at lat. 8°20' ; Mercator proj. (E 154°00'00"—E 164°30'00"/S 4°30'00"—S 11°32'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 120 x 81 cm. "OMEGA." Depths shown by soundings. Relief shown by form lines, hachures, and spot heights. "Soundings in fathoms." ●Item 379-Y-8 S/N 82ACO82015 @ DMA

1. Nautical charts — Papua New Guinea. 2. Nautical charts — Solomon Islands. 3. South Pacific Ocean — Navigation. I. Title. II. Title: Solomon Islands. OCLC 11749838

85-12210

D 5.350:93044

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Indonesia, South China Sea, Yongshu Jiao to Yongdeng Ansha / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 2nd ed., May 26, 1984 (correct through NM 21/84) Scale 1:250,000 at lat. 8°45' ; Mercator proj. (E 115°05'00"—W 111°55'00"/S 11°35'00"—N 9°30'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 95 x 141 cm. Depths shown by soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-9 S/N 93AC093044 @ DMA

1. Nautical charts — Indonesia. 2. Nautical charts — South China Sea. 3. South China Sea — Navigation. I. Title. II. Title: Yongshu Jiao to Yongdeng Ansha. OCLC 11738105

85-12211

D 5.350:93045

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Heng Jiao (Livock Reef) to Haima Tan (Rough Shoal) (Seahorse Shoal) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 2nd ed., June 9, 1984 (correct through NM 23/84) Scale 1:250,000 at lat. 8°45' ; Mercator proj. (E 117°51'00"—W 114°55'00"/S 12°10'00"—N 10°00'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 99 x 131 cm. Depths shown by soundings. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-9 S/N 93AC093045 @ DMA

1. Nautical charts — South China Sea. 2. South China Sea — Navigation. I. Title. II. Title: Heng Jiao (Livock Reef) to Haima Tan (Rough Shoal) (Seahorse Shoal). OCLC 11738022

85-12212

D 5.350:93047

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

South China Sea, Yongshu Jiao to P'o-lang Chiao / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 2nd ed., Apr. 14, 1984 (correct through NM 15/84) Scale 1:250,000 at lat. 8°45' ; Mercator proj. (E 111°55'00"—W 115°05'00"/N 9°40'00"—N

7°27'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 100 x 141 cm. Depths shown by soundings. Relief shown by spot heights. "Soundings in meters." Includes compilation diagram. ●Item 379-Y-9 S/N 93AC093047 @ DMA

1. Nautical charts — South China Sea. 2. South China Sea — Navigation. I. Title. II. Title: Yongshu Jiao to P'o-lang Chiao. OCLC 11738288

85-12213

D 5.350:95015

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to Mys Nizmennyy / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 6th ed., Mar. 31, 1984 (correct through NM 13/84) Scale 1:852,800 at lat. 39° ; Mercator proj. (E 127°15'00"—W 135°15'00"/N 43°35'00"—N 33°50'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 129 x 84 cm. Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in fathoms and feet, depth contours in fathoms." Includes compilation diagram. ●Item 379-Y-9 S/N 95AC095015 @ DMA

1. Nautical charts — Korea (South). 2. Nautical charts — Soviet Union. 3. Nautical charts — Japan. 4. Japan, Sea of — Navigation. 5. Korea Strait — Navigation. I. Title. II. Title: Korea Strait to Mys Nizmennyy. OCLC 11750285

85-12214

D 5.350:95140

United States. Defense Mapping Agency. Hydrographic/Topographic Center.

Asia, South Korea-South coast, Donae Hae to Busan Hang (Tonae Hae to Pusan Hang), including Tsushima (Japan) / prepared and published by the Defense Mapping Agency Hydrographic/Topographic Center. 11th ed., Aug. 11, 1984 (correct through NM 32/84) Scale 1:251,500 at lat. 34°30' ; Mercator proj. (E 129°42'08"—W 127°06'00"/S 35°18'00"—N 33°50'00"). — Washington, D.C. : The Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 67 x 97 cm. "Loran C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." Includes compilation diagram and index to next larger scale charts. ●Item 379-Y-9 S/N 95AC095140 @ DMA

1. Nautical charts — Korea Strait. 2. Korea Strait — Navigation. I. Title. II. Title: Donae Hae to Busan Hang (Tonae Hae to Pusan Hang). OCLC 11743618

85-12215

D 5.350:95270

Japan. Kaijo Hoancho. Suirou.

Japan, Honshu-northwest coast, Noto Hanto and approaches. 2nd ed., June 16, 1984 (correct through NM 24/84) Scale 1:200,000 at lat. 35° ; Mercator proj. (E 138°13'00"—E 136°46'00"/N 38°10'00"—N 36°30'00"). — Washington, D.C. : Defense Mapping Agency, Hydrographic/Topographic Center : [DMA, DVCP, distributor, 1984]

1 map : col. ; 97 x 68 cm. "Loran C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." "Reproduction of Japanese chart 120, March 3, 1975, with modifications in accordance with agreement between the Hydrographic Department of Maritime Safety Agency, Japan, and the Defense Mapping Agency Hydrographic/Topographic Center." ●Item 379-Y-9 S/N 95AC095270 @ DMA

1. Nautical charts—Japan, Sea of. 2. Japan, Sea of—Navigation. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title. III. Title: Noto Hanto and approaches. OCLC 11737730

85-12216

D 5.350:95280

Japan. Kaijo Hoancho. Suirou.

Japan, Honshu-northwest coast, Tottori Ko to Mikuni Ko. 9th ed., July 28, 1984 (correct through NM 30/84) Scale 1:200,000; Mercator proj. (E 136°12'00"—E 134°07'00"/N 36°28'30"—N 35°22'00"). — Washington, D.C.: Defense Mapping Agency, Hydrographic/Topographic Center: [DMA, DVCP, distributor, 1984]

1 map: col.; 97 x 68 cm. "Loran C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." "Reproduction of Japanese chart 139, November 2, 1979 corrected to October 16, 1982, with modifications in accordance with agreement between the Hydrographic Department of Maritime Safety Agency, Japan, and the Defense Mapping Agency Hydrographic/Topographic Center." ●Item 379-Y-9 S/N 95AC095280 @ DMA

1. Nautical charts—Japan, Sea of. 2. Japan, Sea of—Navigation. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title. III. Title: Tottori Ko to Mikuni Ko. OCLC 11742161

85-12217

D 5.350:97080

Japan. Kaijo Hoancho. Suirou.

Japan, Honshu-east coast, Shiyoa Zaki to Ishinomaki Wan. 4th ed., Mar. 10, 1984 (correct through NM 10/84) Scale 1:200,000 at lat. 38°; Mercator proj. (E 142°05'00"—E 140°40'00"/N 38°30'00"—N 36°49'00"). — Washington, D.C.: Defense Mapping Agency, Hydrographic/Topographic Center: [DMA, DVCP, distributor, 1984]

1 map: col.; 98 x 66 cm. "Loran C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." "Reproductions of Japanese chart 1098, August 1, 1977, with modifications in accordance with agreement between the Hydrographic Department of Maritime Safety Agency, Japan, and the Defense Mapping Agency, Hydrographic/Topographic Center." ●Item 379-Y-9 S/N 97AC097080 @ DMA

1. Nautical charts—Japan—Pacific Coast. 2. Pacific Coast (Japan)—Navigation. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title. III. Title: Shiyoa Zaki to Ishinomaki Wan. OCLC 11743544

85-12218

D 5.350:97140

Japan. Kaijo Hoancho. Suirou.

Japan, Honshu-south coast and Nojima Zaki to Omae Zaki. 14th ed., Aug. 25, 1984 (correct through NM 34/84) Scale 1:200,000; Mercator proj. (E 140°13'00"—E 138°07'00"/N 35°22'00"—N 34°10'00"). — Washington, D.C.: The Center: [DMA, DVCP, distributor, 1984]

1 map: col.; 68 x 97 cm. "Loran C." Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." "Reproduction of Japanese chart 80, Oct. 1959 corrected to 1982 with modifications in accordance with agreement between the Hydrographic Department of Maritime Safety Agency, Japan, and the Defense Mapping Agency, Hydrographic/Topographic Center." Includes index to next larger scale charts. ●Item 379-Y-9 S/N 97AC097140 @ DMA

1. Nautical charts—Japan—Pacific Coast. 2. Pacific Coast (Japan)—Navigation. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title. III. Title: Nojima Zaki to Omae Zaki. OCLC 11743477

85-12219

D 5.350:97420

Japan. Kaijo Hoancho. Suirou.

Japan, Honshu-northwest coast and Kyushu north coast, Kammon Kaiyo to Hirado Seto. 14th ed., Aug. 11, 1984 (correct through NM 32/84) Scale 1:250,000 at lat. 35°; Mercator proj. (E 131°00'00"—E 128°52'00"/N 34°27'00"—N 33°14'00"). — Washington, D.C.: Defense Mapping Agency, Hydrographic/Topographic Center: [DMA, DVCP, distributor, 1984]

1 map: col.; 68 x 99 cm. Depths shown by isolines and soundings. Relief shown by contours and spot heights. "Soundings in meters." "Reproduction of Japanese chart 179, February 14, 1981, corrected to December 4, 1982, with modification in accordance with agreement between the Hydrographic Department of Maritime Safety Agency, Japan, and the Hydrographic/Topographic Center." ●Item 379-Y-9 S/N 97AC097420 @ DMA

1. Nautical charts—Japan, Sea of. 2. Japan, Sea of—Navigation. I. United States. Defense Mapping Agency. Hydrographic/Topographic Center. II. Title. III. Title: Kammon Kaiyo to Hirado Seto. OCLC 11742610

## NATIONAL DEFENSE UNIVERSITY

Defense Dept.

Washington, DC 20319

85-12220

D 5.402:Sp 1

Space Symposium (1984: Washington, D.C.)

Space Symposium 1984: America plans for space, 6-7 December 1984. — Washington, D.C.: National Defense University, Fort Lesley J. McNair, [1984]

28 p.: ill., 2 maps, 1 port.; 28 x 11 cm. Cover title. ●Item 378-H-7

1. Outer space—Exploration—United States—Congress. I. National Defense University. II. Title. OCLC 11769888

85-12221

D 5.402:St 8/4

The Art and practice of military strategy / edited by George Edward Thibault. — Washington, D.C.: National Defense University, 1984.

viii, 883 p.; 26 cm. Includes bibliographical references and index. ●Item 378-H-1

1. Strategy. I. Thibault, George Edward. II. National Defense University. OCLC 11374739

85-12222

D 5.402:St 8/5

Essays on strategy: selections from the 1983 Joint Chiefs of Staff essay competition. — Washington, DC: National Defense University Press, Fort Lesley J. McNair: For sale by the Supt. of Docs., U.S. G.P.O., 1984.

vii, 158 p.; 23 cm. Bibliography: p. 145-158. ●Item 378-H-1 S/N 008-020-01002-2 @ GPO \$4.00

1. Strategy—Addresses, essays, lectures. 2. National security—Addresses, essays, lectures. I. National Defense University. 84-601100 OCLC 11613825

**Defense Logistics Agency — Cameron Station**

**DEFENSE LOGISTICS AGENCY  
Cameron Station  
Alexandria, VA 22314**

**85-12223**

**D 7.2:Sa 3**

United States. Defense Property Disposal Service.

Sale by reference : instructions, terms & conditions applicable to Department of Defense personal property offered for sale by Defense Property Disposal Service. — Battle Creek, Mich. : Defense Logistics Agency, Defense Property Disposal Service, [1978]

ii, 22 p. ; 26 cm. At head of title: Worldwide sales. "January 1978." ●Item 314-A

1. Surplus government property — United States. I. Title. OCLC 11682951

**85-12224**

**D 7.6/4:D 26/v.10/985**

Defense Integrated Data System DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids. [Battle Creek, Mich. : Defense Logistics Agency, Defense Logistics Services Center, Defense Logistics Agency, Defense Logistics Services Center, Federal Center, P.O. Box 3412, Battle Creek, Mich. 49016

v. ; 28 cm. Title from cover. "DOD 4100.39-M." Jan. 1985. Description based on: Jan. 1983. Updated by irregularly issued changes. ●Item 314-A

1. Inventory control — Handbooks, manuals, etc. 2. United States — Armed Forces — Procurement — Handbooks, manuals, etc. 3. United States. Dept. of Defense — Procurement — Handbooks, manuals, etc. I. Defense Logistics Services Center (U.S.) OCLC 09228080

**85-12225**

**D 7.6/4:D 26/v.11/984**

Defense Integrated Data System DIDS procedures manual. Vol. 11, Edit/validation criteria. [Battle Creek, Mich. : Defense Logistics Agency, Defense Logistics Services Center, Defense Logistics Agency, Defense Logistics Services Center, Federal Center, Battle Creek, Mich. 49016

v. ; 28 cm. Title from cover. "DOD 4100.39-M." Oct. 1984. Description based on: Oct. 1982. Updated by irregularly issued changes. ●Item 314-A

1. Inventory control — Handbooks, manuals, etc. 2. United States — Armed Forces — Procurement — Handbooks, manuals, etc. 3. United States. Dept. of Defense — Procurement — Handbooks, manuals, etc. I. Defense Logistics Services Center (U.S.) OCLC 08884542

**85-12226**

**D 7.6/4:D 26/v.13/985**

Defense Integrated Data System DIDS procedures manual. Vol. 13, Materiel management decision rule tables. [Battle Creek, Mich. : Defense Logistics Agency, Defense Logistics Services Center, Defense Logistics Agency, Defense Logistics Services Center, Federal Center, Battle Creek, Mich. 49016

v. ; 28 cm. Title from cover. "DOD 4100.39-M." Jan. 1985. Description based on: Apr. 1983. Updated by irregularly issued changes. ●Item 314-A

1. Inventory control — Handbooks, manuals, etc. 2. United States — Armed Forces — Procurement — Handbooks, manuals, etc. 3. United States. Dept. of Defense — Procurement — Handbooks, manuals, etc. I. Defense Logistics Services Center (U.S.) OCLC 09408823

**85-12227**

**D 7.6/4:D 26/v.14/984**

Defense Integrated Data System DIDS procedures manual. Vol. 14, Reports and statistics. [Battle Creek, Mich. : Defense Logistics Agency, Defense Logistics Services Center, Defense Logistics Agency, Defense Logistics Services Center, Federal Center, Battle Creek, Mich. 49016

v. ; 28 cm. Title from cover. "DOD 4100.39-M." Oct. 1984. Description based on: Oct. 1982. Updated by irregularly issued changes. ●Item 314-A

1. Inventory control — Handbooks, manuals, etc. 2. United States — Armed Forces — Procurement — Handbooks, manuals, etc. 3. United States. Dept. of Defense — Procurement — Handbooks, manuals, etc. I. Defense Logistics Services Center (U.S.) OCLC 08884574

**85-12228**

**D 7.6/4:D 26/v.16/984**

Defense Integrated Data System DIDS procedures manual. Vol. 16, Remote terminal system. [Battle Creek, Mich. : Defense Logistics Agency, Defense Logistics Services Center], 1982- Defense Logistics Agency, Defense Logistics Services Center, Federal Center, Battle Creek, Mich. 49016

v. ; 28 cm.

Oct. 1982- Title from cover. "DOD 4100.39-M." Oct. 1984. Updated by irregularly issued changes. ●Item 314-A

1. Inventory control — Handbooks, manuals, etc. 2. United States — Armed Forces — Procurement — Handbooks, manuals, etc. 3. United States. Dept. of Defense — Procurement — Handbooks, manuals, etc. I. Defense Logistics Services Center (U.S.) OCLC 08904942

**85-12229**

**D 7.6/4:H 33/2**

Hazardous materials : storage and handling pocketbook. — Alexandria, Va. : Defense Logistics Agency, Directorate of Supply Operations ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

98 p. : col. ill. ; 17 x 11 cm. Cover title. "April 1984."

●Item 314-A S/N 008-007-03262-3 @ GPO \$9.50

1. United States. Defense Logistics Agency. Directorate of Supply Operations 2. Hazardous substances — United States — Storage — Handbooks, manuals, etc. 3. Hazardous substances — United States — Safety measures — Handbooks, manuals, etc. I. United States. Defense Logistics Agency. Directorate of Supply Operations. OCLC 11752030

**NATIONAL GUARD BUREAU**

**Defense Dept.**

**Washington, DC 20301**

**85-12230**

**D 12.12:84-107**

12 questions veterans ask about joining the Army National Guard. — [Clifton, N.J.] : Army National Guard, 1984.

[10] p. : col. ill., 1 form ; 23 x 11 cm. Cover title. "Nov. 1984"—P. [9] "ARNG-84-107"—P. [9] ●Item 358-B-1

1. United States. National Guard Bureau. I. United States. National Guard Bureau. II. Title: Twelve questions veterans ask about joining the Army National Guard. OCLC 11766094

**ARMY DEPARTMENT  
Defense Dept.  
Washington, DC 20310**

85-12231

**D 101.2:C 86/3**

How to protect yourself against crime. — Fort Dix, N.J. : U.S. Army, Military Police, [1985?]  
[20] p. : 21 cm. Cover title. ●Item 325  
1. Crime prevention—New Jersey. I. United States. Dept. of the Army. OCLC 11750837

85-12232

**D 101.2:C 86/4**

"Have fun coloring and learn how to prevent crime too!" : the crime prevention coloring book. — 2nd ed. — [Washington, D.C.] : Army Dept. : [For sale by the Supt. of Docs., U.S. G.P.O.], c1979.  
[22] p. : ill. ; 28 cm. Copyrighted by the Advertising Council, Inc. ●Item 325 S/N 008-020-01006-5 @ GPO \$1.50

1. Crime prevention—United States. 2. Painting books. I. United States. Dept. of the Army. II. Advertising Council. III. Title: The crime prevention coloring book. OCLC 11743736

85-12233

**D 101.2:F 77 r**

Fort Riley : its historic past. — [Washington, D.C.? : Army Dept.], 1984.  
37 p. : ill. ; 23 cm. Cover title. ●Item 325  
1. Fortification—Kansas. 2. Fort Riley (Kan.)—History. I. United States. Dept. of the Army. OCLC 11731694

85-12234

**D 101.2:L 56**

Hip pocket lesson plans. — [Rock Island, Ill.] : US Army Armament, Munitions and Chemical Command, 1984.  
111 p. : 16 x 12 cm. Includes bibliographical references. ●Item 325  
1. United States. Army 2. Soldiers—Training of—United States—Handbooks, manuals, etc. I. United States. Army. AMCCOM. OCLC 11706657

85-12235

**D 101.2:P 26**

Passport to a challenge. — Fort Knox, Ky. : Army ROTC Basic Camp, 1984.  
15 p. : ill. ; 22 cm. ●Item 325  
1. United States. Army 2. United States—Armed forces—Reserves—Handbooks, manuals, etc. I. Army ROTC Basic Camp (Ky.) OCLC 11766164

85-12236

**D 101.2:P 91**

Pre-command course. — [Washington, D.C.?] : U.S. Army Reserve, 1984.  
1 v. (loose-leaf) : ill., forms ; 28 cm. ●Item 325  
1. United States. Army Reserve 2. Leadership—Handbooks, manuals, etc. I. United States. Army Reserve. OCLC 11691267

85-12237

**D 101.2:St 7/work.bk**

Department of Defense personal property storage : field training workbook for quality assurance. — Bayonne, N.J. : Dept. of the Army, Military Traffic Management Command, HQ, Eastern Area, [1983]  
1 v. (various pagings) : ill., forms, maps ; 28 cm. Cover title. "April 1983."

1. United States. Army 2. Moving, Household—United States—Handbooks, manuals, etc. I. United States. Military Traffic Management Command. OCLC 11765937

85-12238

**D 101.2:T 15**

Materiel fielding agreement : M1 Abrams tank system between III Corps and Ft Hood and program manager M1 Abrams tank system. — [Washington, D.C.? : U.S. Dept. of the Army], 1984.

1 v. (loose-leaf) : ill. ; 28 cm. Cover title. ●Item 325

1. United States. Army 2. Tanks (Military science)—Handbooks, manuals, etc. I. United States. Dept. of the Army. OCLC 11780058

85-12239

**D 101.4/3:350-84-2**

Soldier-leader's handbook : tools of the trade. — [Forest Park, Ga.] : Second U.S. Army, [1984]

5, 26 p. ; 14 x 11 cm. — (2A circular ; 350-84-2) Cover title. "3 August 1984"—P. [2] of cover. "Expires 3 August 1986"—P. [2] of cover. Bibliography: p. A-1 - A-26. ●Item 324-B

1. United States. Army 2. Armies—United States—Equipment. I. United States. Army. Army, Second. II. Title: Tools of the trade. III. Series. OCLC 11770235

85-12240

**D 101.6/5:B 85**

Automated data systems manual, Nonappropriated Funds Information Standard System (FAFISS) : budget, users manual. — Indianapolis, IN : Assistant Comptroller of the Army for Finance and Accounting, 1985-

1 v. (loose-leaf) : forms ; 28 cm. "1 January 1985." "ADSM 18-CO7-AVF-IBM-UM-BG." ●Item 325-B

1. United States. Assistant Comptroller of the Army for Finance and Accounting 2. Accounting—Data processing. I. United States. Assistant Comptroller of the Army for Finance and Accounting. OCLC 11750470

85-12241

**D 101.6/5:C 73**

Reserve company commander's handbook. — [Washington, D.C.? : U.S. Dept. of the Army, 1984?]

1 v. (loose-leaf) : ill., 1 form ; 28 cm. Cover title. ●Item 325-B

1. United States. Army 2. United States—Armed Forces—Officer's handbooks. I. United States. Dept. of the Army. OCLC 11780053

85-12242

**D 101.6/5:C 96/2**

Customs, courtesies and activities guide / written and compiled by the wives of Fort Rucker. — Fort Rucker, Ala. : 6th Battalion, 1st Aviation Brigade, 1984.

ii, 44 p. : ill. ; 28 cm. Cover title: Customs and courtesies of the service and guide to Fort Rucker activities. Includes bibliographical references. ●Item 325-B

1. United States. Army 2. Military ceremonies, honors, and salutes—United States. I. United States. Army. Aviation Brigade, 1st. Battalion, 6th. II. Title: Customs and courtesies of the service and guide to Fort Rucker activities. OCLC 11694839

# Army Department — Defense Dept.

85-12243

D 101.6/5:L 46/3/inst.

Instructor's readings for instructor's guide for applied leadership development, leadership development 3 / prepared and published by the United States Army Infantry School. — [Fort Benning, Ga.]: Reserve Officers' Training Corps, Junior ROTC and National Defense Cadet Corps, 1984.

74 p. : ill. ; 26 cm. "For use in connection with Junior Program Instruction, Army ROTC, TRADOC 22 September 1976." "Extracted from Taking Command, edited by Samuel H. Hays and William N. Thomas"—P. 2. "September 1977." ●Item 325-B

1. United States. Army. Reserve Officers' Training Corps  
2. United States. Army I. United States Army Infantry School. OCLC 11765894

85-12244

D 101.6/5:L 46/3/stud.

Student text for seminar in leadership and management : (reference part two, leadership development 3 : instructor's guide for applied leadership development). — [Washington, D.C.]: Reserve Officers' Training Corps, Junior ROTC and National Defense Cadet Corps, 1984.

46 p. ; 26 cm. "For use in connection with Junior Division Program Instruction, Army ROTC." "Extracted from Foreman in action by Glenn L. Gardiner"—P. 1. ●Item 325-B

1. United States. Army. Reserve Officers' Training Corps  
2. United States — Armed Forces — Reserves — Handbooks, manuals, etc. I. United States. Army. Reserve Officers' Training Corps. OCLC 11765927

85-12245

D 101.6/5:L 46/4

Instructor's guide for introduction to leadership development : a course outline : leadership development 1 / Reserve Officers' Training Corps, Junior ROTC and National Defense Cadet Corps ; prepared & published by the United States Army Infantry School. — [Fort Benning, Ga.]: The School, 1984.

1 v. (various pagings) : ill. ; 26 cm. "June 1976." ●Item 325-B

1. United States. Army 2. United States — Armed Forces — Reserves. I. United States Army Infantry School. II. United States. Army. Reserve Officers' Training Corps. III. United States. Army. Junior ROTC. IV. National Defense Cadet Corps (U.S.) OCLC 11780114

85-12246

D 101.6/5:M 34

Basic rifle marksmanship trainer's guide. — [Washington, D.C.]: Dept. of the Army, 1985.

1 v. (various pagings) : ill. ; 27 cm. ●Item 325-B

1. United States. Army 2. Shooting, Military. 3. Rifles. I. United States. Dept. of the Army. OCLC 11780038

85-12247

D 101.6/5:R 16

United States Army Infantry School. Ranger Dept. Ranger handbook. — [Ft. Benning, Ga.]: Ranger Dept., U.S. Army Infantry School, 1980.

1 v. (loose-leaf) : ill. ; 14 cm. Cover title. "October 1980." "ST 21-75-2." ●Item 325-B

1. United States. Army 2. United States. Army. Airborne troops I. Title. OCLC 07430785

85-12248

D 101.6/5:T 15/2

Tank identification handbook. — Fort Rucker, Ala. : U.S. Army Aviation Center, 1984.

i, 89 p. : ill. ; 14 x 21 cm. Cover title. "In support of 5/10/69-9049-5, 61-9049-3, 50-7718-8." Includes bibliographical references. "ST 7-193 FY 73." ●Item 325-B

1. United States. Army 2. Tanks (Military science) — Handbooks, manuals, etc. I. U.S. Army Aviation Center. OCLC 11682985

85-12249

D 101.6/5:T 65/2

TOW training / United States Army Infantry Training Group. — Fort Benning, Ga. : The Group, 1985.

v, 65 p. : ill., forms ; 27 cm. At head of title: Student handout. ●Item 325-B

1. United States. Army 2. Guided missiles — Handbooks, manuals, etc. I. United States Army Infantry Training Group. OCLC 11780031

85-12250

D 101.6/8:SF-1

Handbook for disposal of radioactive waste in accordance with US Army guidelines. — Rock Island, IL : US Army Armament, Munitions and Chemical Command, 1983.

1 v. (loose-leaf) : ill., forms ; 28 cm. — (AMCCOM handbook ; SF-1) "June 1983." Includes bibliographical references and index. ●Item 325-B

1. Radioactive waste disposal in the ground — United States — Handbooks, manuals, etc. I. United States. Army. AMCCOM. II. Series. OCLC 11697636

85-12251

D 101.9:27-50

United States. Dept. of the Army.

Legal services : status of forces policies, procedures, and information. — Washington, DC : Headquarters, Departments of the Army, Navy, and Air Force, 1984.

1 v. (loose-leaf) : forms ; 28 cm. — (Army regulation ; 27-50) (Secretary of the Navy instruction ; 5820.4F) (Air Force regulation ; 110-12) Caption title. "Supersedes AR 27-50/SECNAVINST 5820.4E/AFR 110-12, 1 December 1978"—P. i. "1 December 1984." Bibliography: p. A-1. ●Item 323

1. Legal assistance to servicemen — United States. 2. Military law — United States. I. United States. Navy Dept. II. United States. Dept. of the Air Force. III. Title. IV. Title: Status of forces policies, procedures, and information. V. Series. VI. Series: United States. Dept. of the Army. Army regulation ; no. 27-50. VII. Series: SECNAVINST ; 5820.4F. OCLC 11750079

85-12252

D 101.9:30-16

United States. Dept. of the Army.

Food service data feedback program. — Washington, DC : Headquarters, Dept. of the Army, 1984.

1 v. (loose-leaf) : 2 forms ; 28 cm. — (Army regulation ; 30-16) Caption title. At head of title: Food program. "Supersedes AR 30-16, 15 July 1978"—P. i. "1 December 1984." "Effective 1 January 1985." ●Item 323

1. United States. Army 2. United States. Army I. Title. II. Series: United States. Dept. of the Army. Army regulation ; no. 30-16. OCLC 11765935

85-12253

D 101.9:190-12

United States. Dept. of the Army.

Military police : military working dogs. — Washington, DC : Headquarters, Dept. of the Army, 1984.

1 v. (loose-leaf) : forms ; 28 cm. — (Army regulation ; 190-12) Caption title. "Supersedes AR 190-12, 19 January 1973. It rescinds DA form 2815-R, 1 December 1972, and DA form 2810-R, 1 December 1972"—P. i. "15 December 1984." Bibliography: p. A-1 - A-2. ●Item 323

1. Police dogs. 2. Working dogs. I. Title. II. Title: Military working dogs. III. Series: United States. Dept. of the Army. Army regulation ; no. 190-12. OCLC 11750216

85-12254

D 101.11:5-818-2

Pavement design for seasonal frost conditions. — [Washington, DC] : Departments of the Army and the Air Force, 1985-

1 v. (loose-leaf) : ill. ; 28 cm. — (Air Force AFM ; 88-6, chap. 4) (Army TM ; 5-818-2) Cover title. "This manual supersedes TM 5-818-2, 13 July 1965 and AFM 88-6, Chap. 4, 15 May 1962"—P. i. "January 1985." Bibliography: p. Biblio-1. ●Item 329

1. Pavements—Design and construction. 2. Pavements—Frost damage. I. United States. Dept. of the Army. II. United States. Dept. of the Air Force. III. Series. IV. Series: Department of the Army technical manual ; TM 5-818-2. OCLC 11743741

85-12255

D 101.11:5-3895-259-24 P

Organizational, direct support and general support maintenance repair parts and special tools lists : drier-mixer, bituminous-concrete materials, wheel mounted, gasoline engine driven, 2 wheel, pneumatic tires, 3 to 10 ton per hr. (NSN 3895-00-755-4761) : Wylie model PM-415-MIL. — [Washington, DC] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Technical manual ; TM 5-3895-259-24P) Cover title. "This manual supersedes TM5-3895-259-25P dated April 1966 and all changes"—P. i. "December 1984." Includes index. ●Item 329

1. United States. Army 2. United States. Army 3. Concrete mixers—Maintenance and repair—Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Drier-mixer, bituminous-concrete materials, wheel mounted, gasoline engine driven, 2 wheel, pneumatic tires, 3 to 10 ton per hr. (NSN 3895-00-755-4761) III. Series: Department of the Army technical manual ; TM 5-3895-259-24 P. OCLC 11737221

85-12256

D 101.11:5-3895-263-20 P

Organizational maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-902-8455, w/sprinkler only, NSN 3895-00-952-5840, Huber model E1012M. — [Washington, DC] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 27 cm. — (Technical manual ; TM5-3895-263-20P) Cover title. "This publication supersedes TM5-3895-263-20P dated 16 October 1970 and all changes"—P. i. "October 1984." Includes index. ●Item 329

1. United States. Army 2. United States. Army 3. Trucks, Military—Maintenance and repair—Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-902-8455, w/sprinkler only, NSN 3895-00-952-5840, Huber model E1012M. III. Series: Department of the Army technical manual ; TM 5-3895-263-20 P. OCLC 11737234

85-12257

D 101.11:5-3895-263-34 P

Direct support and general support maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-952-5840, Huber model E1012M, w/sprinkler only, NSN 3895-00-902-8455. — [Washington, DC] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 27 cm. — (Technical manual ; TM5-3895-263-34P) Cover title. "This publication supersedes TM5-3895-263-35P dated 19 October 1970 and all changes"—P. i. "October 1984." Includes index. ●Item 329

1. United States. Army 2. United States. Army I. United States. Dept. of the Army. II. Title: Roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-952-5840, Huber model E1012M, w/sprinkler only, NSN 3895-00-902-8455. III. Series: Department of the Army technical manual ; TM 5-3895-263-34 P. OCLC 11737198

85-12258

D 101.11:5-4310-219-34 P

Direct support and general support maintenance repair parts and special tools lists (including depot maintenance repair parts and special tools lists) : compressor, rotary, air, wheel mounted, pneumatic tires, diesel driven, 600 CFM, 100 psi, Ingersoll-Rand model DR-600, nonwinterized, serial numbers 600AR 18604 through 600AR 18838, 600 AR21871 through 600AR 22070 ... — [Washington, DC] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Technical manual ; TM 5-4310-219-34P) Cover title. "... 600AR 23671 through 600AR 23880, and 600AR 23882 through 600AR 23933, NSN 4310-00-542-2525, Ingersoll-Rand model DR-600, winterized to minus 65°F., serial numbers 600AR 18589 through 600AR 18603, NSN 4310-00-542-2526, Ingersoll-Rand model DR-600W." "This publication supersedes TM5-4310-219-35P dated March 1971 and all changes"—P. i. "October 1984." Includes index. ●Item 329

1. United States. Army 2. United States. Army 3. Air-compressors—Maintenance and repair—Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Compressor, rotary, air, wheel mounted, pneumatic tires, diesel driven, 600 CFM, 100 psi, Ingersoll-Rand model DR-600, nonwinterized, serial numbers 600AR 18604 through 600AR 18838, 600 AR21871 through 600AR 22070, 600AR 23671 through 600AR 23880, and 600AR 23882 through 600AR 23933, NSN 4310-00-542-2525, Ingersoll-Rand model DR-600, winterized to minus 65°F., serial numbers 600AR 18589 through 600AR 18603, NSN 4310-00-542-2526, Ingersoll-Rand model DR-600W. III. Series: Department of the Army technical manual ; TM 5-4310-219-34 P. OCLC 11737246

85-12259

D 101.11:9-1425-485-L

List of applicable publications (LOAP) for Lance Field Artillery Missile System. — [Washington, D.C.] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill., forms ; 28 cm. — (Technical manual ; TM 9-1425-485-L) Cover title. "This manual supersedes TM 9-1425-485-L, dated 14 February 1983"—P. i. "October 1984." ●Item 329

1. United States. Army 2. Lance (Missile)—Bibliography. I. United States. Dept. of the Army. II. Title: Lance Field Artillery Missile System. III. Series: Department of the Army technical manual ; TM 9-1425-485-L. OCLC 11664139

# Army Department — Defense Dept.

85-12260

D 101.11:9-1430-529-34-2

DS and GS maintenance manual : radar set AN/MPQ-51 (XO-1) (Improved Hawk Air Defense Guided Missile System). — [Washington, D.C.] : Headquarters, Dept. of the Army, 1984.

1 v. (loose-leaf) : ill. ; 28 cm. — (Technical manual ; TM 9-1430-529-34-2) Cover title. "This copy is a reprint which includes current pages from changes 1 through 9." "August 1972." ●Item 329

1. United States. Army 2. Hawk (Missile) — Maintenance and repair — Handbooks, manuals, etc. 3. Guided missiles — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Radar set AN/MPQ-51 (XO-1) (Improved Hawk Air Defense Guided Missile System) III. Series: Department of the Army technical manual ; TM 9-1430-529-34-2. OCLC 11664159

85-12261

D 101.11:9-4931-496-34 P

Direct support and general support maintenance repair parts and special tools list for selected items of secondary transfer standards calibration set AN/GSM-259 (NSN 4931-01-019-1829). — Washington, DC : Headquarters, Dept. of the Army, 1976.

1 v. (loose-leaf) ; 28 cm. — (Department of the Army technical manual ; TM 9-4931-496-34 P) Caption title. "Current as of 19 August 1976." "30 September 1976." ●Item 329

1. United States. Army 2. United States. Army 3. Machine-tools — Calibration — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Series. OCLC 11737171

85-12262

D 101.11:9-4931-510-34 P

Direct support and general support maintenance repair parts and special tools list for radio frequency plug-in, Weinschel Engineering Company model 432AP-2 (NSN 4931-01-060-0525). — Washington, DC : Headquarters, Dept. of the Army, 1978.

1 v. (loose-leaf) ; 28 cm. — (Department of the Army technical manual ; TM 9-4931-510-34P) Caption title. "Current as of 10 October 1978." "12 October 1978." Includes index. ●Item 329

1. United States. Army 2. United States. Army 3. Radio frequency — Instruments — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Series. OCLC 11732349

85-12263

D 101.11:10-3930-204-12 & P

Operator's and organizational maintenance manual (including repair parts and special tools lists) together with supplemental operating maintenance and repair parts instructions (SO-MARPI) for spreader, lifting frames, NSN 3990-01-128-0089 (linefast model no. 7127-51A-20L), NSN 3990-01-128-0090 (linefast model no. 7127-51A-35L) ... — [Washington, DC] : Headquarters, Dept. of the Army, 1984.

1 v. (loose-leaf) : ill., forms ; 28 cm. — (Technical manual ; TM 10-3990-204-12&P) Cover title. "NSN 3990-01-128-0091 (linefast model no. 7127-51A-40L) and spacer/stabilizer bar FSCM -58400, PN 7127-SB." "September 1984." ●Item 329

1. United States. Army 2. Lifting and carrying — Handbooks, manuals, etc. 3. Cargo handling — Equipment — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Series: Department of the Army technical manual ; TM 10-3990-204-12 & P. OCLC 11780100

85-12264

D 101.11:740-1525/rep. 1-8

Organizational, direct support, general support and depot manual : shipment, handling, storage, inspection, care and preservation : HAWK Air Defense Guided Missile System. — [Washington, DC] : Dept. of the Army, 1985.

1 v. (loose-leaf) : ill. ; 28 cm. — (Technical manual ; TM 740-1525) Cover title. "This copy is a reprint which includes current pages from Changes 1 through 8." "June 1979." Includes index. ●Item 329

1. United States. Army 2. Guided missiles — Maintenance and repair — Handbooks, manuals, etc. 3. Hawk (Missile) I. United States. Dept. of the Army. II. Title: Shipment, handling, storage, inspection, care and preservation, Hawk Air Defense Guided Missile System. III. Series: Department of the Army technical manual ; TM 740-1525. OCLC 11738075

85-12265

D 101.11:750-244-4-2

Procedure for destruction of tow heavy antitank/assault weapon to prevent enemy use. — [Washington, D.C.] : Headquarters, Dept. of the Army, 1984.

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical manual ; TM 750-244-4-2) Caption title. "19 September 1972." ●Item 329

1. United States. Army 2. United States. Army 3. Antitank weapons — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Series. OCLC 11743650

85-12266

D 101.15:10-495

Standard "B" ration for the armed forces. — [Washington] : Dept. of the Army, Navy, and Marine Corps, 1984.

1 v. (loose-leaf) ; 28 cm. — (Department of the Army supply bulletin ; SB 10-495) (Department of the Navy publication ; NAVSUP INST 10110.6A) (Marine Corps publication ; MCO P 10110.25C) Cover title. "Supersedes SB 10-495/NAVSUP PUB 274 NAVSUP INST 10110.6A/MCO P10110.25B, 19 May 1971"—P. I. "November 1984." ●Item 322-A

1. United States. Army 2. United States. Navy 3. United States. Marine Corps 4. Cookery, Military. I. United States. Dept. of the Army. II. United States. Navy Dept. III. United States. Marine Corps. IV. Series: United States. Naval Supply Systems Command. NAVSUPINST ; 10110.6A. V. Series: United States. Marine Corps. MCO ; P 10110.25 C. VI. Series: SB (United States. Dept. of the Army) ; 10-495. OCLC 11766180

85-12267

D 101.16:4940-95-CL-A 63-HR

Hand receipt catalog covering content of : sets, kits, and outfits, components list for shop equipment, canvas and glass shop, shelter mounted (NSN 4940-00-209-6239) (LIN T10038). — [Washington, D.C.] : Headquarters, Dept. of the Army, 1984.

1 v. (loose-leaf) ; 28 cm. — (Department of the Army supply catalog ; SC 4940-95-CL-A63-HR) "August 1984." ●Item 322-A

1. United States. Army I. United States. Dept. of the Army. II. Title: Sets, kits, and outfits, components list for shop equipment, canvas and glass shop, shelter mounted (NSN 4940-00-209-6239) (LIN T10038). III. Series: United States. Dept. of the Army. Department of the Army supply catalog ; SC 4940-95-CL-A 63-HR. OCLC 11743657

85-12268

D 101.16:6695-92-CL-006-HR

Hand receipt catalog covering content of sets, kits, and outfits components list : calibration set, secondary transfer standards (augmented), AN/GSM-287, (NSN 6695-01-081-4873), (line item no. Z12223). — [Washington, DC] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : forms ; 28 cm. — (Department of the Army supply catalog ; SC 6695-92-CL-006-HR) Cover title. "19 December 1980." ●Item 322-A

1. United States. Army 2. Electronic apparatus and appliances — Calibration. I. United States. Dept. of the Army. II. Title: Calibration set, secondary transfer standards (augmented), AN/GSM-287, (NSN 6695-01-081-4873), (line item no. Z12223) III. Series: United States. Dept. of the Army. Department of the Army supply catalog ; SC 6695-92-CL-006-HR. OCLC 11769749

85-12269

D 101.20:8-230

United States. Dept. of the Army.

Medical specialist. — [Washington, DC] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 26 cm. — (Field manual ; FM 8-230) Cover title. "This manual supersedes TM 8-230, 2 November 1970, and FM 8-36, 15 March 1973"—P. i. Official government use only. "August 1984." Bibliography : p. Reference-1 - Reference-2. Includes index.

1. United States. Army 2. Medical personnel — United States. I. Title. II. Series: United States. Dept. of the Army. Field manual ; FM 8-230. OCLC 11732325

85-12270

D 101.20/4:1-93 J 1-SM

United States. Dept. of the Army.

Air traffic control radar controller : soldier's manual : skill level 1, MOS 93J. — [Washington, DC] : Headquarters, Dept. of the Army, 1984.

1 v. (various pagings) : ill. ; 18 x 13 cm. — (STP ; 1-93J1-SM) Cover title. "This publication together with STP 1-93J25-SM-TG, 25 September 1984, supersedes FM 1-93J1/2, 23 December 1981"—P. i. For official use only. "September 1984." Bibliography : p. References-1 - References-18.

1. United States. Army 2. Air traffic controllers — United States — Handbooks, manuals, etc. 3. Air traffic control — Handbooks, manuals, etc. 4. Radar air traffic control systems — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Soldier training publication ; STP 1-93 J 1-SM. OCLC 11752231

85-12271

D 101.20/4:55-68 J 12-SM

United States. Dept. of the Army.

Aircraft fire control repairer, MOS 68J : skill levels 1/2 : soldier's manual. — [Washington, DC] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : 2 forms ; 26 cm. — (STP ; 55-68J12-SM) Cover title. "This publication supersedes FM 55-68J1/2, 31 January 1983"—P. i. For official use only. Bibliography : p. References-1 - References-7.

1. United States. Army 2. Fire control (Aerial gunnery) — Equipment — Maintenance and repair — Handbooks, manuals, etc. 3. Airplanes, Military — Maintenance and repair — Handbooks, manuals, etc. I. Title. II. Series: United States. Dept. of the Army. Soldier training publication ; STP 55-68 J 12-SM. OCLC 11780585

85-12272

D 101.22:75-5

List of storage and outloading drawings for ammunition. — [Washington, DC] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) ; 28 cm. — (Department of the Army pamphlet ; 75-5) "Supersedes DA pam 310-24, 1 September 1984"—P. i. "Explosives." "15 November 1984." Chiefly tables. ●Item 327-E

1. United States. Army 2. Ammunition. I. United States. Dept. of the Army. II. Series: DA pam ; 75-5. OCLC 11731362

85-12273

D 101.22:550-72/3

Philippines, a country study / Foreign Area Studies, The American University ; edited by Frederica M. Bunge. — [Washington, D.C.] : Headquarters, Dept. of the Army : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

xxxiii, 368 p. : ill., maps ; 24 cm. — (Area handbook series) (DA pam ; 550-72) "Research completed August 1983." Bibliography : p. 311-347. Includes index. ●Item 327-J S/ N 008-020-01004-9 @ GPO \$15.00

1. Philippines. I. Bunge, Frederica M. II. American University (Washington, D.C.). Foreign Area Studies. III. United States. Dept. of the Army. IV. Series. V. Series. DS655.P598 1984 84-006382 959.9  2 19 OCLC 10695242

85-12274

D 101.22:690-38

Advanced labor negotiation techniques. — Washington, DC : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army pamphlet ; 690-38) Cover title. "1 January 1985." ●Item 327-E

1. United States. Army 2. Industrial relations — United States — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Series: DA pam ; 690-38. OCLC 11770173

85-12275

D 101.25:9-352

Load-testing vehicles used to handle missiles and rockets, medium wrecker M62, medium wrecker truck M543 series, and M816, and wrecker-truck tractor M246 series, and M819. — Washington, D.C. : Headquarters, Dept. of the Army, 1985-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-352) Caption title. "This bulletin supersedes TB 9-352, 4 May 1972"—P. 1. "1 September 1978." ●Item 329

1. United States. Army 2. Vehicles, Military — United States — Handbooks, manuals, etc. 3. Wreckers (Vehicles) — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Series: Army TB ; 9-352. OCLC 11691292

85-12276

D 101.25:9-4910-521-35

Calibration procedure for automotive generator and voltage regulator test sets (general). — Washington, DC : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-4910-521-35) Caption title. "This bulletin supersedes TB 9-4910-521-50, 14 December 1977"—P. 1. "13 November 1984." ●Item 329

1. United States. Army 2. Voltage regulators — Calibration. 3. Automobiles — Electric generators — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-4910-521-35. OCLC 11724591

## Army Department — Defense Dept.

85-12277

D 101.25:9-4931-517-50/rep.1

Calibration procedure for automatic phase locking synchronizer, Weinschel engineering model 4311B option 3. — Washington, DC : Headquarters, Dept. of the Army, 1985-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-4931-517-50/rep.1) Caption title. "This is a reprint including Change 1." "22 May 1979."

●Item 329

1. United States. Army 2. Synchronization. 3. Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-4931-517-50. OCLC 11732357

85-12278

D 101.25:9-4931-527-50/rep.1

Calibration procedure for calibration fixture, Hewlett-Packard model 11715A. — Washington, DC : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB9-4931-527-50) Caption title. "4 December 1981." "This is a reprint including Change 1."

●Item 329

1. Signal generators — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-4931-527-50. OCLC 11769752

85-12279

D 101.25:9-6625-059-35

Calibration procedure for oscilloscope; AN/USM-184 (Tektronix Type 545A), AN/USM-196 and OS-159 (P)/USM-195 (Tektronix Type RM45A and Lavoie model LA265A). — Washington, DC : Headquarters, Dept. of the Army, 1976-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6625-059-35) Caption title. "This bulletin supersedes TB 9-6625-059-35, 25 February 1972, including all changes"—P. 1. "15 March 1976." ●Item 329

1. United States. Army 2. Cathode ray oscilloscope — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-6625-059-35. OCLC 11732500

85-12280

D 101.25:9-6625-798-35/rep.1

Calibration procedure for oscilloscopes AN/USM-140 and AN/USM-141 (Hewlett-Packard models 170 and 170AR), AN/USM-140A (Hickok Instrument Co., model 1807), AN/USM-140B and AN/USM-141A (Hewlett-Packard models 170B and 170BR), AN/USM-140C and AN/USM-141B (Hickok Instrument Co.) ... — Washington, DC : Headquarters, Dept. of the Army, 1985-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6625-798-35) Cover title. "Sweep delay generator MS-2962/USM (Hewlett-Packard model 166D) AM-3568/USM (Hewlett-Packard model K01-166F), dual-trace preamplifier MX-2930A/USM (Hewlett-Packard model 162A), MX-2721/USM-105 (Hewlett Packard model H02-162A, and Hickok model 1804A-2), MX-2930B/USM (Hewlett Packard model 162C) and MX-2930C/USM (Hickok Instrument Co.)" "This is a reprint including change 1." "This bulletin supersedes TB 9-6625-798-50, 13 January 1971"—P. 1. "June 1984." ●Item 329

1. United States. Army 2. Cathode ray oscilloscope — Calibration. 3. Electric generators — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-6625-798-35. OCLC 11732277

85-12281

D 101.25:9-6625-1062-35

Calibration procedure for standard capacitors fixed and variable (general). — Washington, DC : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6625-1062-35) Caption title. "This bulletin supersedes TB 9-6625-1061-50, 28 March 1979, TB 9-6625-1062-50, 4 February 1976, TB 9-6625-1335-50, 31 July 1968, and TB 9-6625-1407-50, 6 December 1971, including all changes"—P. 1. "7 November 1984." ●Item 329

1. United States. Army 2. Capacitors — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-6625-1062-35. OCLC 11732367

85-12282

D 101.25:9-6625-2064-35/rep.1-2

Calibration procedure for multimeter ME-297/U. — Washington, DC : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6625-2064-35) Caption title. "This bulletin supersedes TB 11-6625-654-35, 24 October 1975, including all changes"—P. 1. "This is a reprint including changes 1 and 2." "11 December 1981." ●Item 329

1. United States. Army 2. Electric meters — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-6625-2064-35. OCLC 11732285

85-12283

D 101.25:9-6625-2073-35

Calibration procedure for electronic voltmeters AN/URM-145 (Boonton, model 91CA), AN/URM-145A, AN/URM-145B, AN/URM-145C, AN/URM-145D/U, and RF voltmeters, Boonton, models 91C, 91CA-S4, 91DA, 91H, and 91HR. — Washington, DC : Headquarters, Dept. of the Army, 1985-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6625-2073-35) Caption title. "This bulletin supersedes TB 9-6625-2073-35, 3 October 1983"—P. 1. "31 October 1984." ●Item 329

1. United States. Army 2. Voltmeter — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-6625-2073-35. OCLC 11732298

85-12284

D 101.25:9-6625-2127-35

Calibration procedure for telephone test set TA-885/U and Hewlett-Packard, model 3555B. — Washington, DC : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6625-2127-35) Caption title. "This bulletin supersedes TB 11-6625-27779-35, 12 December 1977, including all changes"—P. 1. "16 November 1984." ●Item 329

1. United States. Army 2. Telephone — Testing. 3. Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-6625-2127-35. OCLC 11732305

85-12285

D 101.25:9-6660-274-50

Calibration procedure for hygograph and thermograph system, Honeywell, model Y612X21-FH-11-111-77, Weathertronics model 5020, and Foxboro, model A127. — Washington, DC : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6660-274-50) Caption title. "This bulletin supersedes TB 9-6660-274-50, 17 September 1974"—P. 1. "30 October 1984." ●Item 329

1. United States. Army 2. Thermography. 3. Hygrometers — Calibration. 4. Calibration. I. United States.

Dept. of the Army. II. Series: Army TB ; 9-6660-274-50. OCLC 11743717

85-12286

D 101.25:9-6670-254-50

Calibration procedure for weights (mass) (general). — Washington, DC : Headquarters, Dept. of the Army, [1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6670-254-50) Caption title. "This bulletin supersedes TB 9-6670-254-50, 12 November 1974, including all changes"—P. 1. "1 November 1984." ●Item 329

1. United States. Army 2. Weighing-machines — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-6670-254-50. OCLC 11732317

85-12287

D 101.25:9-6695-264-35

Calibration procedure for peak power calibrator, Hewlett-Packard, model 8900B. — Washington, DC : Headquarters, Dept. of the Army, [1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 9-6695-264-35) Caption title. "This bulletin supersedes TB 9-6695-264-35, 12 November 1980, including all changes"—P. 1. "15 November 1984." ●Item 329

1. United States. Army 2. Power electronics. 3. Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 9-6695-264-35. OCLC 11732511

85-12288

D 101.25:11-6625-214-35

Calibration procedure for signal generator, AN/URM-52( ), TS-621( ), and Hewlett-Packard models 618B and 618C. — Washington, DC : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 11-6625-214-35) Caption title. "Supersedes TB 9-6625-097-50, 8 September 1969"—P. 1. "21 May 1975." ●Item 329

1. Signal generators — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 11-6625-214-35. OCLC 11769739

85-12289

D 101.25:43-0001-16-2

Equipment improvement report and maintenance digest : (Nike-Hercules and Improved Nike-Hercules Air Defense Guided Missile System), second quarter, CY 1984. — [Washington, D.C.] : Headquarters, Dept. of the Army, 1985-

1 v. (loose-leaf) ; 28 cm. — (Department of the Army technical bulletin ; TB 43-0001-16-2) Cover title. "This bulletin automatically expires 2 years from date of issue." "July 1984." ●Item 329

1. United States. Army 2. Guided missiles — Maintenance and repair — Handbooks, manuals, etc. 3. Nike rocket — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Nike-Hercules and Improved Nike-Hercules Air Defense Guided Missile System, second quarter, CY 1984. III. Series: Army TB ; 43-0001-16-2. OCLC 11694815

85-12290

D 101.25:43-0001-18-2

Equipment improvement report and maintenance digest : HAWK Air Defense Guided Missile System and HAWK battery terminal equipment, (second quarter, CY 1984). — [Washington, D.C.] : Headquarters, Dept. of the Army, [1984-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 43-0001-18-2) Cover title. "This bulletin automatically expires two years from date of issue." "July 1984." ●Item 329

1. United States. Army 2. Guided missiles — Maintenance and repair — Handbooks, manuals, etc. 3. Hawk (Missile) I. United States. Dept. of the Army. II. Title: HAWK Air Defense Guided Missile System and HAWK battery terminal equipment. III. Series: Army TB ; 43-0001-18-2. OCLC 11737155

85-12291

D 101.25:43-0001-30-2

Equipment improvement report and maintenance digest : DRAGON Medium Antitank/Assault Weapon System, (second quarter, CY 1984). — [Washington, D.C.] : Dept. of the Army, 1985-

1 v. (loose-leaf) : ill. ; 28 cm. — (Department of the Army technical bulletin ; TB 43-0001-30-2) Cover title. "This bulletin automatically expires 2 years from date of issue." "July 1984." ●Item 329

1. United States. Army 2. Antitank missiles — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: DRAGON Medium Antitank/Assault Weapon System. III. Series: Army TB ; 43-0001-30-2. OCLC 11737186

85-12292

D 101.25:43-0001-40-1/2

Equipment improvement report and maintenance digest (US Army Tank-Automobile Command) : commercial automotive equipment (Jan thru June - 1st half CY 84). — [Washington, D.C.] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : ill., forms ; 28 cm. — (Department of the Army technical bulletin ; TB 43-0001-40-1) Cover title. "This bulletin and all changes thereto automatically expire two years from date of issue of this bulletin." "1 July 1984." ●Item 329

1. United States. Army 2. Automobiles — United States — Equipment and supplies — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Commercial automotive equipment (Jan thru June - 1st half CY 84) III. Series: Army TB ; 43-0001-40-1. OCLC 11691281

85-12293

D 101.25:43-0001-42-1

Equipment improvement report and maintenance digest (US Army Tank-Automobile Command) material handling equipment (Jan thru June - 1st half CY 84). — [Washington, D.C.] : Headquarters, Dept. of the Army, 1984-

1 v. (loose-leaf) : forms ; 25 cm. — (TB ; 43-0001-42-1) Cover title. "1 July 1984." ●Item 329

1. United States. Army 2. Vehicles, Military — United States — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Series: Army TB ; 43-0001-42-1. OCLC 11750898

85-12294

D 101.25:43-0001-52-2

Equipment improvement report and maintenance digest : Multiple Launch Rocket System, second quarter, CY 1984. — [Washington, D.C.] : Dept. of the Army, 1985-

1 v. (loose-leaf) ; 28 cm. — (Department of the Army technical bulletin ; TB 43-0001-52-2) Cover title. "This bulletin automatically expires two years from date of issue." "July 1984." ●Item 329

1. United States. Army 2. United States. Army 3. Rockets (Aeronautics) — Launching — Handbooks, manuals, etc. 4. Rockets (Aeronautics) — Maintenance and repair — Handbooks, manuals, etc. I. United States. Dept. of the Army. II. Title: Multiple Launch Rocket System. III. Series: Army TB ; 43-0001-52-2. OCLC 11694834

# Army Department — Defense Dept.

85-12295

D 101.25/55-4920-221-50/rep.1-3

Calibration procedure for electrical test stand, United Manufacturing Company, models APS, type 18/500-I, part number 7085-5, federal stock number 4920-508-6345. — [Washington, D.C.?]: Headquarters, Dept. of the Army, 1985.

1 v. (loose-leaf) : ill. ; 28 cm. — (Technical bulletin : TB 55-4920-221-50) "This bulletin supersedes TB 9-4920-249-50, 17 May 1971." "This is a reprint including C1 through C3." "28 February 1974." ●Item 329

1. United States. Army 2. Testing-machines — Calibration. I. United States. Dept. of the Army. II. Series: Army TB ; 55-4920-221-50. OCLC 11732523

85-12296

D 101.43/2:432

Benefits, the Army Reserve : what you get out of it. — [Washington, D.C.? : U.S. Dept. of the Army], 1984.

9 p. : col. ill. ; 22 cm. Cover title. "October 1984"—P. 9. "RPI 432"—P. 9. ●Item 323-A

1. United States. Army Reserve. I. United States. Dept. of the Army. OCLC 11663114

85-12297

D 101.43/2:502

Be a vital part of American medicine as an Army physician : the Army medical team. — [Washington, D.C.? : Army Dept., 1984]

23, [1] p. : col. ill., 1 col. map ; 22 cm. Cover title. "December 1984"—P. [24] "RPI 502"—P. [24] ●Item 323-A

1. United States. Army 2. Medicine, Military — United States. I. United States. Dept. of the Army. II. Title: The Army medical team. OCLC 11770149

85-12298

D 101.43/2:510

Health Professions Scholarship Program : the Army Medical Team. — [Washington, D.C.? : U.S. Dept. of the Army], 1984.

[12] p. : col. ill. ; 22 cm. Cover title. "October 1984"—P. [4] of cover. "RPI 510"—P. [4] of cover. ●Item 323-A

1. United States. Army 2. Medicine, Military — United States. 3. Medical education — United States. I. United States. Dept. of the Army. OCLC 11663138

85-12299

D 101.43/2:565

A Good place for a BSN to start : the Army Medical Team. — [Washington, D.C.? : U.S. Dept. of the Army], 1984.

17 p. : col. ill. ; 22 cm. Cover title. "October 1984"—P. [4] of cover. "RPI 565"—P. [4] of cover. ●Item 323-A

1. United States. Army 2. Medicine, Military — United States. 3. Military nursing — United States. I. United States. Dept. of the Army. OCLC 11663126

85-12300

D 101.43/2:598

Army Medical Specialist Corps : the Army Medical Team. — [Washington, D.C.? : U.S. Dept. of the Army], 1984.

20 p. : col. ill. ; 22 cm. Cover title. "September 1984"—P. [4] of cover. "RPI 598"—P. [4] of cover. ●Item 323-A

1. United States. Army Medical Specialist Corps. 2. United States. Army 3. Medicine, Military — United States. I. United States. Dept. of the Army. OCLC 11663164

85-12301

D 101.43/2:599

The Medical Service Corps : the Army Medical Team. — Washington, DC : U.S. Dept. of the Army, 1984.

[12] p. : col. ill. ; 22 cm. Cover title. "September 1984"—P. [4] of cover. "RPI 599"—P. [4] of cover. ●Item 323-A

1. United States. Army. Medical Service Corps. 2. United States. Army 3. Medicine, Military — United States. I. United States. Dept. of the Army. OCLC 11663172

85-12302

D 101.43/2:677 D

Army ROTC scholarships. — [Clifton, N.J.] : Army ROTC, [1985]

[12] p. : col. ill. ; 23 cm. Cover title. "January 1985"—P. [4] of cover. "RPI 677F"—P. [4] of cover. ●Item 323-A

1. United States. Army. Reserve Officers' Training Corps. 2. Scholarships — United States. I. United States. Army. Reserve Officers' Training Corps. OCLC 11766130

85-12303

D 101.43/2:703

The Army Reserve helps you and the people you care about. — [Washington, D.C.?] : The Reserve, 1984.

[8] p. : col. ill. ; 22 cm. Cover title. "September 1984"—P. [3] of cover. "RPI 703"—P. [3] of cover. ●Item 323-A

1. United States. Army Reserve. I. United States. Army Reserve. OCLC 11663121

85-12304

D 101.43/2:760

The Army Reserve. — [Washington, D.C.?] : U.S. Army Reserve, 1984.

[24] p. : col. ill., 1 form ; 22 cm. Cover title. "September 1984"—P. [24] "RPI 760"—P. [24] ●Item 323-A

1. United States. Army Reserve. I. United States. Army Reserve. OCLC 11663145

85-12305

D 101.43/2:761

Veterans : your past experience is worth more to you now. — [Washington, D.C.?] : U.S. Army Reserve, 1984.

[4] p. : col. ill. ; 22 cm. Cover title. "September 1984"—P. [4] of cover. "RPI 761"—P. [4] of cover. ●Item 323-A

1. United States. Army Reserve. 2. Veterans — Employment — United States. I. United States. Army Reserve. OCLC 11663154

85-12306

D 101.43/2:766

Earn Army pay and benefits as a civilian. — [Washington, D.C.? : U.S. Dept. of the Army], 1984.

[12] p. : col. ill. ; 22 cm. Cover title. "September 1984"—P. [4] of cover. "RPI 766"—P. [4] of cover. ●Item 323-A

1. United States. Army Reserve. 2. United States. Army I. United States. Dept. of the Army. OCLC 11663134

85-12307

D 101.43/2:914

How not to blow a job interview. — [Washington, D.C.? : U.S. Dept. of the Army], 1984.

[8] p. : col. ill. ; 22 cm. Cover title. "October 1984"—P. [4] of cover. "RPI 914"—P. [4] of cover. ●Item 323-A

1. United States. Army 2. Employment interviewing — United States. I. United States. Dept. of the Army. OCLC 11663130

85-12308

D 101.43/2:940

Beyond high school : the army's education planning guide. — [Washington, D.C.?] : U.S. Dept. of the Army, 1984.  
20 p. : col. ill. ; 22 cm. Cover title. "September 1984"—  
P. [4] of cover. "RPI-940"—P. [4] of cover. ●Item 323-A  
1. United States. Army 2. United States. Army I. United  
States. Dept. of the Army. OCLC 11770500

85-12309

D 101.47/4:N 69

Student handout : noise in Army aviation, 23-4507-1, 34-4507-1,  
35-4507-1, 68-4507-1, 76-4507-1, 5/69-4507-2. — Fort Rucker,  
Ala. : U.S. Army Aeromedical Center, 1985-  
1 v. (loose-leaf) : ill., forms ; 28 cm. "July 1981." ●Item  
329  
1. Jet planes—Noise. 2. Airplanes—Noise. I. Army  
Aeromedical Center (U.S.) II. Title: Noise in Army aviation.  
OCLC 11769865

85-12310

D 101.47/5:2 B/2 C 011 1963 A

Programmed text : additional reports. — Fort Rucker, Ala. :  
U.S. Army Aviation Center, [1985-]  
1 v. (loose-leaf) : ill., forms ; 28 cm. — (USAAVNC PT ;  
2B/2C011 1963 A) "This PT supersedes same dated Jun 82."  
"In support of 5/9/10/11-623-4." "January 1984." ●Item  
329  
1. United States. Army 2. Aeronautics—United States—  
Handbooks, manuals, etc. I. U.S. Army Aviation Center.  
II. Series: USAAVNC pamphlet ; no. 2 B/2 C 011 1963 A.  
OCLC 11750378

85-12311

D 101.47/5:2 B/2 C 011 1982 A

Programmed text : gyrocompass failure. — Fort Rucker, Ala. :  
U.S. Army Aviation Center, 1985-  
1 v. (loose-leaf) : ill., forms ; 28 cm. — (USAAVNC PT ;  
2B/2C011 1982 A) "This PT supersedes PT 2B/2C011 1982  
A, revised Apr 1977." "In support of 5/9/10/11-616-2."  
"November 1981." ●Item 329  
1. United States. Army 2. Gyro compass—Handbooks,  
manuals, etc. 3. Automatic pilot (Airplanes)—Handbooks,  
manuals, etc. I. U.S. Army Aviation Center. II. Title: Gy-  
rocompass failure. III. Series: USAAVNC pamphlet ; no. 2  
B/2 C 011 1982 A. OCLC 11691243

85-12312

D 101.47/5:2 C 011 0906 A

Programmed text : flight controls, TH-55. — Rev. June 1979. —  
Fort Rucker, Ala. : U.S. Army Aviation Center, [1974]  
1 v. (loose-leaf) : ill. (some col.) ; 28 cm. — (USAAVNC  
PT ; 2C011 0906 A) "Supersedes PT 2C011 0906 A, revised  
Mar 76." "February 1974." ●Item 329  
1. United States. Army 2. Helicopters—Control systems.  
I. U.S. Army Aviation Center. II. Series: USAAVNC pam-  
phlet ; PT 2 C 011 0906 A. OCLC 11780246

85-12313

D 101.47/5:4 D 011 2019 A

Programmed text : T-53-L-13 gas turbine engine. — Fort  
Rucker, Ala. : U.S. Army Aviation Center, 1985-  
1 v. (loose-leaf) : ill., forms ; 28 cm. — (USAAVNC PT ;  
4D011 2019 A) "Supersedes PT 4D011 2019A, revised Sep  
77." "In support of IERW 5/8/9/10/11." "September  
1980." ●Item 329  
1. United States. Army 2. Aircraft gas-turbines. I. U.S.  
Army Aviation Center. II. Series: USAAVNC pamphlet ;  
no. 4 D 011 2019 A. OCLC 11750175

85-12314

D 101.60/4:606

U.S. Army Research Institute for the Behavioral and Social  
Sciences.

Abstracts of ARI research publications. Alexandria, VA :  
U.S. Army Research Institute for the Behavioral and Social  
Sciences, U.S. Army Research Institute for the Behavioral  
and Social Sciences, Attn: PERI-POT, 5001 Eisenhower  
Avenue, Alexandria, Va. 22333

v. ; 27 cm. (Technical report ; 606)

Annual Description based on: FY 1974 and 1975. FY  
1974 and 1975 issued in one vol. Report covers fiscal year  
1983. Vols. for (FY 1974-1975-) distributed to depository  
libraries in microfiche. ●Item 330-E (microfiche)

1. Research—United States—Abstracts—Periodicals. 2.  
Military research—United States—Abstracts—Periodicals.  
3. U.S. Army Research Institute for the Behavioral and Social  
Sciences—Abstracts—Periodicals. I. Title. II. Series:  
Technical report (U.S. Army Research Institute for the Be-  
havioral and Social Sciences) ; 606. sn-82003640 OCLC  
08414782

85-12315

D 101.101:201-26 Q 10/A,B,C,D,E,G,H-DB

Diagram booklet : telephone signal converter CV-1548, multi-  
plexer TD-352, TD-660, TD-754/G, TD-204, radio sets AN/  
GRC-144 and AN/GRC-143. — Fort Gordon, Ga. : U.S.  
Army Signal Center and Fort Gordon, [1984]

i, 27 folded leaves : ill. ; 28 cm. "16OCT84." "201-  
26Q10/A,B,C,D,E,G,H-DB." ●Item 325-B

1. United States. Army 2. Telephone—United States—  
Multiplex systems—Handbooks, manuals, etc. I. US Army  
Signal Center and Fort Gordon. II. Title: Telephone signal  
converter CV-1548, multiplexer TD-352, TD-660, TD-754/G,  
TD-204, radio sets AN/GRC-144 and AN/GRC-143.  
OCLC 11750355

85-12316

D 101.105:260-72 E 10/ ... BC-W (2)

Message preparation ACP 127 ( ) tape format : workbook. —  
Fort Gordon, Ga. : U.S. Army Signal Center and Fort  
Gordon, 1984.

i, 61 p. : forms ; 28 cm. "16OCT84." "260-72 E 10/BC-  
W(2)" "260-72 G 10/BC-W(2)" ●Item 325-B

1. United States. Army 2. Radio operators. I. U.S. Army  
Signal Center and Fort Gordon. OCLC 11765928

85-12317

D 101.615:L 49

Automated data systems manual : Nonappropriated Funds Infor-  
mation Standard System (NAFISS) : general ledger, users  
manual. — Indianapolis, IN : Assistant Comptroller of the  
Army for Finance and Accounting, 1984-

1 v. (loose-leaf) ; 28 cm. Cover title. "1 January 1985."  
"ADSM 18-CO7-AVF-IBM-UM-GL." ●Item 325-B

1. Electronic data processing—United States—Hand-  
books, manuals, etc. 2. Accounting—United States—Data  
processing—Handbooks, manuals, etc. I. United States. As-  
sistant Comptroller of the Army for Finance and Accounting.  
OCLC 11770116

## Engineers Corps

### ENGINEERS CORPS

Orders or requests for publications listed below which are not sold by the Supt. of Docs. should be sent to the preparing and issuing office indicated. Address requests to the U.S. Army Corps of Engineers and add the City and State shown. Publications shown as initiated and issued by the Chief of Engineers should be ordered from Office of the Chief of Engineers, Publications Depot, 890 Pickett St., Alexandria, Va. 22304.

85-12318

D 103.1/2:982/pt.1

Waterborne commerce of the United States. Part 1, Waterways and harbors, Atlantic Coast / compiled under the supervision of the Water Resources Support Center, U.S. Army Corps of Engineers. [Washington, D.C.?] : Dept. of the Army, Corps of Engineers ; Waltham, Mass. : For sale by Division of Engineer, U.S. Engineer Division, New England ; New Orleans, La. : For sale by District Engineer, U.S. Army Engineer District, New Orleans, Division of Engineer, U.S. Engineer Division, New England, 424 Trapelo Rd., Waltham, Mass. 02154 District Engineer, U.S. Army Engineer District, New Orleans, P.O. Box 60267, New Orleans, La. 70160

v. : map ; 28 cm.

Annual

Began with calendar year 1953. "WRSC-WCUS-82-1"—Cover. Calendar year 1982. Description based on: Calendar year 1979. Vol. for (1980) distributed to depository libraries in microfiche. Formerly pt. 2 of: Annual report of the Chief of Engineers, U.S. Army, ISSN 0271-3837. ●Item 334

1. Shipping—Atlantic Coast (U.S.)—Statistics—Periodicals. I. United States. Army. Corps of Engineers. II. Water Resources Support Center (U.S.) Atlantic Coast, waterways and harbors. Waterways and harbors. OCLC 09506266

85-12319

D 103.1/2:982/pt.2

Waterborne commerce of the United States. Part 2, Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles / compiled under the supervision of the Water Resources Support Center, U.S. Army Corps of Engineers. [Washington, D.C.?] : Dept. of the Army, Corps of Engineers ; New Orleans, La. : For sale by District Engineer, U.S. Army Engineer District, New Orleans, District Engineer, U.S. Army Engineer District, New Orleans, P.O. Box 60267, New Orleans, La. 70160

v. : map ; 28 cm.

Annual

Began with calendar year 1953. "WRSC-WCUS-82-2"—Cover. Calendar year 1982. Description based on: Calendar year 1979. Vols. for (1979-1980) distributed to depository libraries in microfiche. Formerly pt. 2 of: Annual report of the Chief of Engineers, U.S. Army, ISSN 0271-3837. ●Item 334

1. Shipping—Gulf Coast (U.S.)—Statistics—Periodicals. 2. Shipping—Mississippi River Watershed—Statistics—Periodicals. 3. Shipping—Antilles—Statistics—Periodicals. I. United States. Army. Corps of Engineers. II. Water Resources Support Center (U.S.) OCLC 09906873

85-12320

D 103.24/2:HL-84-1

Hite, John E.

R. D. Bailey outlet works, Guyandot River, West Virginia : hydraulic model investigation / by John E. Hite, Jr. — Vicksburg, Miss. : U.S. Army Engineer Waterways Experiment Station, Hydraulics Laboratory ; [Springfield, Va. : Available from National Technical Information Service, 1984]

17, [15] p., 21 p. of plates : ill., 1 map ; 28 cm. — (Technical report : HL-84-1) Final report. Cover title. Distribut-

ed to depository libraries in microfiche. "February 1984." Prepared for U.S. Army Engineer District, Huntington, W. Va. ●Item 334-A-16 (microfiche)

1. Hydraulic models. 2. Hydraulic structures—West Virginia. 3. Flood control—West Virginia. I. U.S. Army Engineer Waterways Experiment Station. Hydraulics Laboratory. II. Title. III. Series: Technical report (U.S. Army Engineer Waterways Experiment Station) ; HL-84-1. OCLC 10549820

85-12321

D 103.24/7:K-84-2

Ferritto, John M.

Users guide : computer program for optimum dynamic design of nonlinear metal plates under blast loading (CSDOOR) / by John M. Ferritto, Robert M. Wamsley, Paul K. Senter. — Vicksburg, Miss. : U.S. Army Engineer Waterways Experiment Station ; [Springfield, Va. : Available from National Technical Information Service, 1984.]

1 v. (loose-leaf) : ill., 1 form ; 28 cm. — (Instruction report ; K-84-2) Final report. Cover title. Distributed to depository libraries in microfiche. "January 1984." Includes bibliographical references. Prepared for Office, Chief of Engineers, U.S. Army. ●Item 334-A-7 (microfiche)

1. Plates (Engineering)—Design—Data processing. I. Wamsley, Robert M. II. Senter, Paul K. III. U.S. Army Engineer Waterways Experiment Station. IV. Title. V. Series: Instruction report (U.S. Army Engineer Waterways Experiment Station) ; K-84-2. OCLC 10610116

85-12322

D 103.33/12:84-1

Flanders, Stephen N.

Toward in-situ building R-value measurement / Stephen N. Flanders and Stephen J. Marshall. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, [1984]

iv, 13 p. : ill. ; 28 cm. — (CRREL report ; 84-1) Distributed to depository libraries in microfiche. "January 1984." Bibliography: p. 8-9. Prepared for Office of the Chief of Engineers. Project No.: DA project 4A762730AT42, task C, work unit 10. ●Item 335-B (microfiche)

1. Buildings—Thermal properties. 2. Thermography. I. Marshall, S. J. (Stephen J.) II. U.S. Army Cold Regions Research and Engineering Laboratory. III. Title. IV. Series. OCLC 10757051

85-12323

D 103.33/12:84-11

Ackley, Stephen F.

Sea ice data buoys in the Weddell Sea / Stephen F. Ackley and Elizabeth T. Holt. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, [1984]

v, 18 p. : ill., maps ; 28 cm. — (CRREL report ; 84-11) Distributed to depository libraries in microfiche. "May 1984." Bibliography: p. 18. Prepared for National Science Foundation. Grant No.: NSF DPP 80-06922, Grant No.: NSF DPP 77-24528. ●Item 335-B (microfiche)

1. Buoys—Weddell Sea. 2. Sea ice—Weddell Sea. I. Holt, Elizabeth T. II. U.S. Army Cold Regions Research and Engineering Laboratory. III. Title. IV. Series. OCLC 11102549

85-12324

D 103.33/12:84-12

Itagaki, Kazuhiko.

Icing rate on stationary structures under marine conditions / Kazuhiko Itagaki. — [Hanover, N.H.] : U.S. Army Corps of

Engineers, Cold Regions Research & Engineering Laboratory, [1984]

ii, 9 p. : ill. ; 28 cm. — (CRREL report ; 84-12) Distributed to depository libraries in microfiche. "June 1984." Bibliography: p. 8-9. Prepared for Office of the Chief of Engineers. Project No.: DA project 4A161102AT24, task C, technical effort E1, work unit 002. ●Item 335-B (microfiche)

1. Offshore structures. 2. Ice—Measurement. I. U.S. Army Cold Regions Research and Engineering Laboratory. II. Title. III. Series. OCLC 11102648

85-12325

D 103.33/12:84-15

Cragin, James H.

Baseline acidity of ancient precipitation from the South Pole / J.H. Cragin, M.B. Giovinetto and A.J. Gow. — [Hanover, N.H.] : U.S. Army Corps of Engineers, Cold Regions Research & Engineering Laboratory, [1984]

ii, 7 p. : ill. ; 28 cm. — (CRREL report ; 84-15) Distributed to depository libraries in microfiche. "June 1984." Bibliography: p. 5-6. ●Item 335-B (microfiche)

1. Acid rain—Antarctic Regions. I. Giovinetto, M. B. II. Gow, Anthony Jack. III. U.S. Army Cold Regions Research and Engineering Laboratory. IV. Title. V. Series. OCLC 11181875

85-12326

D 103.43/2-2:M 69

Merritt, Raymond H., 1936-

The Corps, the environment, and the Upper Mississippi River Basin / by Raymond H. Merritt. — Washington, D.C. : Historical Division, Office of Administrative Services, Office of the Chief of Engineers : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

viii, 119 p. : ill., maps, ports. ; 22 cm. — (Environmental history series) (EP ; 870-1-19) "August 1984"—P. [4] of cover. Includes bibliographical references and index. ●Item 338-B-1 S/N 008-022-00220-1 @ GPO \$5.00

1. United States. Army. Corps of Engineers. North Central Division 2. Environmental engineering—North Central States. I. United States. Army. Corps of Engineers. Historical Division. II. Title. III. Series: Environmental history series (Washington, D.C.) IV. Series: Engineer pamphlet ; 870-1-19. OCLC 11338765

85-12327

D 103.49/3:T 49

United States. Army. Corps of Engineers. Baltimore District. Tioga-Hammond Lakes / Department of the Army, Baltimore District, Corps of Engineers. Scale [ca. 1:35,000]. — Baltimore, Md. : The District, [1983?]

1 map : col. ; 46 x 60 cm. folded to 23 x 11 cm. Panel title. Includes chart of recreational facilities and location map. On verso: text and col. ill. ●Item 334-C-1

1. Reservoirs—Pennsylvania—Recreational use—Maps. 2. Tioga Reservoir (Pa.)—Maps. 3. Hammond Reservoir (Pa.)—Maps. I. Title. OCLC 11693333

85-12328

D 103.49/3:W 89

United States. Army. Corps of Engineers. Nashville District. Planning work in a stream / US Army Corps of Engineers, Nashville District. Scale not given. — Nashville, TN : The District, [1984?]

1 map : col. ; 46 x 61 cm. folded to 23 x 11 cm. Panel title. Includes legend. On verso: text and ill. ●Item 334-C-1

1. United States. Army. Corps of Engineers. Nashville District 2. Stream conservation—Maps. 3. Rivers—Tennessee—Maps. 4. Rivers—Kentucky—Maps. I. Title. OCLC 11691474

85-12329

D 103.53/2:N-177

Severinghaus, W. D. (William D.)

Effects of tracked vehicle activity on higher vertebrate populations at Army installations / by William D. Severinghaus. — Champaign, Ill. : US Army Corps of Engineers, Construction Engineering Research Laboratory ; [Springfield, VA : National Technical Information Service, 1984]

23 p. : ill., maps ; 28 cm. — (Technical manuscript ; N-177) Final. Cover title. Distributed to depository libraries in microfiche. "April 1984." Includes bibliographies. Project No.: 4A16110AT23-C-001. ●Item 335-A (microfiche)

1. Tanks (Military science)—Environmental aspects—United States. 2. Mammals—Ecology. 3. Birds—Ecology. I. Construction Engineering Research Laboratory. II. Title. III. Series: Technical manuscript (Construction Engineering Research Laboratory) ; N-177. OCLC 11005748

## ARMY ORDNANCE CENTER AND SCHOOL Defense Dept. Washington, DC 20310

85-12330

D 105.2:Eg 5

New equipment data. — Aberdeen Proving Ground, Md. : U.S. Army Ordnance Center and School, [1984?]

1 v. (loose-leaf) : ill. ; 28 cm. Cover title. "March 1979." ●Item 359

1. United States. Army 2. Vehicles, Military—United States. 3. Tanks (Military science)—United States. I. US Army Ordnance Center and School. OCLC 11770168

85-12331

D 105.2:T 22

Technology and technical assistance available to you through U.S. Army Harry Diamond Laboratories Technology Transfer Program and the Federal Laboratory Consortium for Technology Transfer. — Adelphi, Md. : US Army Harry Diamond Laboratories, Technology Transfer Program : Federal Laboratory Consortium for Technology Transfer, [1984?]

1 folded sheet (6 p.) ; 22 x 10 cm. ●Item 359

1. U.S. Army Harry Diamond Laboratories. 2. Federal Laboratory Consortium for Technology Transfer (U.S.) 3. Technical assistance. I. U.S. Army Harry Diamond Laboratories. II. Federal Laboratory Consortium for Technology Transfer (U.S.) OCLC 11682992

85-12332

D 105.6/3:Ar 5/stud.bk.2

MOS 45B small arms repairer, skill level I / prepared by United States Army Ordnance Center and School for U.S. Army Reserve Schools. — Fort Eustis, VA : U.S. Army Training Support Center, Reserve Schools Division, [1983-]

v. : ill., forms ; 28 cm. Cover title. At head of title: Student book 2 of 5, IDT phase supplemental training material, modules A and B. "October 1983." ●Item 359

1. United States. Army 2. Firearms—Maintenance and repair—Handbooks, manuals, etc. I. US Army Ordnance Center and School. II. U.S. Army Training Support Center. Reserve Schools Division. OCLC 11770028

# Military History, Center for (Army) — Defense Dept.

85-12333

D 105.6/3:T 15/inst.bk.1

MOS 45N, tank turret mechanic, skill level I / prepared by United States Army Ordnance Center and School for U.S. Army Reserve Schools. — Fort Eustis, VA : U.S. Army Training Support Center, Reserve Schools Division, [1983-]

v. : 28 cm. Cover title. At head of title: Instructor book 1 of 1, 2nd IDT phase modules J, K, L & M. "1 October 1983." ●Item 359

1. United States. Army 2. Tank gunnery — Handbooks, manuals, etc. 3. Tanks (Military science) — Turrets. I. US Army Ordnance Center and School. II. U.S. Army Training Support Center. Reserve Schools Division. OCLC 11770083

85-12334

D 105.27:350-8

Warrant Officer candidate course guide. — Aberdeen Proving Ground, Md. : U.S. Army Ordnance Center and School, 1984.

1 v. (various pagings) : ill., forms ; 28 cm. — (OSPAM ; 350-8) "November 1984." ●Item 325-G

1. United States. Army I. US Army Ordnance Center and School. II. Series. OCLC 11706612

## MILITARY HISTORY, CENTER FOR (ARMY) Defense Dept. Washington, DC 20315

85-12335

D 114.7/3:Ad 9/941-60

Spector, Ronald H., 1943-

Advice and support. — Washington, D.C. : Center of Military History, U.S. Army : For sale by the Supt. of Docs., U.S. G.P.O., 1983-

v. : ill., maps ; 25 cm. — (CMH pub. ; no. 91-1) At head of title: United States Army in Vietnam. Includes bibliographical references and index. Contents: [v. 1 The early years, 1941-1960. ●Item 345 S/N 008-020-00933-4 (@LB@v@RB@ 1) @ GPO \$11.00 ([v. 1)

1. United States. Army 2. Vietnam — History, Military. 3. Vietnam — History — 20th century. 4. United States — Foreign relations — Vietnam. 5. Vietnam — Foreign relations — United States. I. Center of Military History. II. Title. III. Title: United States Army in Vietnam. IV. Series. DS556.8.U55 1983 83-600103 959.704 ♢2 19 OCLC 09556144

## NAVY DEPARTMENT Defense Dept. Washington, DC 20350

85-12336

D 201.2:El 2/3/mod.4.0/v.2

Module 4.0, variational analyses of DC series circuits for basic electricity and electronics A-100-0010 / prepared by Naval Education & Training Program Development Center Detachment. — Great Lakes, IL : The Detachment, 1984-

v. : ill., forms ; 28 cm. At head of title: Module booklet. Description based on volume 2. "June 1984." "(Oct. 84)." ●Item 370

1. Electricity. 2. Electronics — Study and teaching — United States. I. Naval Education and Training Program Development Center. Detachment. OCLC 11766146

85-12337

D 201.2:El 2/3/mod.5.0/v.2

Module 5.0, DC parallel circuits for basic electricity and electronics A-100-0010 / prepared by Naval Education & Training Program Development Center Detachment. — Great Lakes, IL : The Detachment, 1985-

v. : ill. ; 28 cm. At head of title: Module booklet. Description based on volume 2. "June 1984." "(October 1984)." ●Item 370

1. Electricity. 2. Electronics — Study and teaching — United States. I. Naval Education & Training Program Development Center. Detachment. OCLC 11766143

85-12338

D 201.2:Sa 2

Hattendorf, John B.

Sailors and scholars : the centennial history of the U.S. Naval War College / by John B. Hattendorf, B. Mitchell Simpson, III, John R. Wadleigh. — Newport, R.I. : Naval War College Press ; [Washington, D.C.? : Supt. of Docs., U.S. G.P.O., distributor], 1984.

xv, 354 p. : ill., ports. ; 24 cm. Includes bibliographical references and index. ●Item 370 S/N 008-047-00364-1 @ GPO \$13.00

1. Naval War College (U.S.) I. Simpson, B. Mitchell (Benjamin Mitchell), 1937- II. Wadleigh, John R., 1915- III. Naval War College (U.S.) IV. Title. V420.H37 1984 84-008257 359.4/07/1173 ♢2 19 OCLC 10726951

85-12339

D 201.29:78-C-0113-3

Training effectiveness evaluation and utilization demonstration of a low cost cockpit procedures trainer / Paul W. Caro ... [et al.]. — Orlando, Fla. : Naval Training Equipment Center, [1984]

74, 7 p. : ill. ; 28 cm. — (Technical report NAVTRAE-QUIPCEN ; 78-C-0113-3) Final report. June 1978-July 1982. Cover title. "Seville Training Systems Corporation." Distributed to depository libraries in microfiche. "June 1984." Includes bibliographical references. Contract No.: N61339-78-C-0113, Project No.: project 8713. Project No.: PE 62757N. ●Item 370-E (microfiche)

1. Flight training — United States. 2. Link trainers. I. Caro, Paul W. II. Naval Training Equipment Center (U.S.) III. Seville Training Systems Corporation. IV. Series. OCLC 11731749

85-12340

D 201.31/2:J 52 PAT/phase 2/v.1/units 1-2

Study manual phase II, electricity, electronics, and electrical armament circuits. — Rev. 5-68. — Jacksonville, Fla. : Aviation Ordnanceman School, Naval Air Technical Training Center, Naval Air Station, 1984-

v. : ill., forms ; 28 cm. Cover title. "For training purposes only." "CNATT-J52 (Rev. 5-68) PAT." ●Item 370-A-1

1. United States. Air Force 2. Ordnance — Handbooks, manuals, etc. 3. Electronics in military engineering. I. Naval Air Technical Training Center (Naval Air Station, Fla.). Aviation Ordnanceman School. OCLC 11770463

**MEDICINE AND SURGERY BUREAU (NAVY)**

**Defense Dept.  
Washington, DC 20350**

**85-12341**

**D 206.10:993**

Blood volume responses in partially dehydrated subjects working in the cold / D.V. Tappen ... [et al.]. — Groton, Conn. : Naval Submarine Medical Research Laboratory, [1984]  
ii p., p. 296-301 : ill. ; 28 cm. — (Report ; no. 993) Interim report. Reprinted from Aviation, Space, and Environmental Medicine, April 1984. For official use only. "April 1984." Includes bibliographical references. Project No.: MF58.524.013-1046.

1. Cold — Physiological effect. I. Tappen, Donald V. II. Naval Submarine Medical Research Laboratory. III. Series: Report (Naval Submarine Medical Research Laboratory) ; no. 993. OCLC 11770048

**85-12342**

**D 206.10:1012**

Osborne, Steven F.

Computer-assisted diagnosis program for acute abdominal pain / by Steven F. Osborne. — Groton, Conn. : Naval Submarine Medical Research Laboratory, [1984]

iii, 10 p. ; 28 cm. — (Report ; no. 1012) Interim report. Jul 82 - Sep 83. Distributed to depository libraries in microfiche. "19 December 1983"—Cover. Includes bibliographical references. Naval Medical Research and Development Command. Project No.: M0095.001-1045. ●Item 385-C (microfiche)

1. Diagnosis — Data processing. I. Naval Submarine Medical Research Laboratory. II. Title. III. Series: Report (Naval Submarine Medical Research Laboratory) ; no. 1012. OCLC 11672455

**85-12343**

**D 206.10:1016**

An Evaluation of the ability of Navy hospital corpsmen to collect chest pain data from patients / by Karen D. Fisher-keller ... [et al.]. — Groton, Conn. : Naval Submarine Medical Research Laboratory, [1984]

iii, 17 p. : ill., forms ; 28 cm. — (Report ; no. 1016) Interim report. Distributed to depository libraries in microfiche. "11 Jan 1984"—Cover. Bibliography: p. 16-17. Naval Medical Research and Development Command. Project No.: MF585.57.1C1-0001. ●Item 385-C (microfiche)

1. Physicians' assistants — United States. I. Naval Submarine Medical Research Laboratory. II. Series: Report (Naval Submarine Medical Research Laboratory) ; no. 1016. OCLC 11672463

**NAVAL EDUCATION AND TRAINING  
COMMAND**

**Defense Dept.  
Pensacola, FL 32508**

**85-12344**

**D 207.208:C 93**

Curriculum for Naval Junior Reserve Office Training Corps (NJROTC), NSI-IV, drills, commands, and ceremonies. — [Pensacola, Fla.] : Chief of Naval Education and Training, 1985-

1 v. (loose-leaf) ; 28 cm. Cover title. "October 1981." Bibliography: p. 31-32. "NAVEDTRA 38050." ●Item 404-A-2

1. United States. Navy 2. Military ceremonies, honors, and salutes — United States. I. United States. Chief of Naval Education and Training. OCLC 11731354

**85-12345**

**D 207.208:R 22**

Curry, Thomas F.

Improving your navy reading skills / Thomas F. Curry, J. Peter Kincaid. — Orlando, Fla. : Training Analysis and Evaluation Group, Chief of Naval Education and Training, 1985-

1 v. (loose-leaf) : ill., forms ; 28 cm. "May 1979." "NAVEDTRA 37081"—Cover. ●Item 404-A-2

1. United States. Navy 2. Reading — United States — Handbooks, manuals, etc. I. Kincaid, J. Peter. II. United States. Chief of Naval Education and Training. Training Analysis and Evaluation Group. III. Title. OCLC 11780319

**85-12346**

**D 207.208/2:E1 2/2/module 14**

Navy electricity and electronics training series. — [Pensacola, Fla.] : Naval Education and Training Program Development Center, [1979-]

v. : ill., forms ; 28 cm. Cover title. "Naval Education and Training Command." Description based on module 9. Bibliography: module 14, p. AII-1. Includes index. Contents: module 14. Introduction to microelectronics / prepared by Paul H. Smith. "NAVEDTRA 172-14-00-84"—Module 14. ●Item 404

1. Electric currents, Alternating. 2. Electric transformers. 3. Logic circuits. I. Smith, Paul H. II. United States. Naval Education and Training Command. III. Naval Education and Training Program Development Center. OCLC 06071797

**85-12347**

**D 207.208/2:F 51/4/v.1/983**

Fire control technician B 3 & 2. — [1979 ed., repr. 1983]. — [Pensacola, Fla. : Naval Education and Training Program Development Center], 1983-

v. : ill., forms ; 27 cm. Cover title. "Rate training manual and non-resident career course." "Naval Education and Training Command." Includes index. "NAVEDTRA 10211-B1." ●Item 404

1. United States. Navy 2. Fire control (Naval gunnery) I. Naval Education and Training Program Development Center. II. Title: Fire control technician B three and two. OCLC 10603059

**85-12348**

**D 207.208/3:43231-5**

Personnel qualification standard for C-2A aircraft : qualification section 5, electrical. — [Washington, D.C.?] : Chief of Naval Training, 1984-

1 v. (loose-leaf) ; 28 cm. Cover title. "NAVTRA 43231-5." "0501-LP-222-3150." ●Item 404

1. United States. Navy 2. Electronics in aeronautics — Standards — United States. 3. Electricity in aeronautics — Standards — United States. I. United States. Chief of Naval Education and Training. OCLC 11770532

**85-12349**

**D 207.208/3:43231-6**

United States. Chief of Naval Education and Training.

Personnel qualification standard for C-2A aircraft : qualification section 6, utility, environmental, safety. — [Washington, D.C.?] : Chief of Naval Training, 1985-

1 v. (loose-leaf) ; 28 cm. Cover title. "NAVTRA 43231-6." "0501-LP-222-3160." ●Item 404

1. United States. Naval Education and Training Command 2. Airplanes, Military — United States — Handbooks, manuals, etc. OCLC 11691273

## Naval Military Personnel Command — Defense Dept.

85-12350

D 207.208/3:43241 D

Personnel qualification standard for ships' maintenance and material management (3-M) systems. — [Washington, D.C.?] : Chief of Naval Education and Training, 1984.

I v. (loose-leaf) : forms ; 28 cm. Cover title. "June 1982." "NAVEDTRA 43241 D." "0501-LP-222-4124."

●Item 404

1. United States. Navy 2. Ships—Maintenance and repair—Handbooks, manuals, etc. I. United States. Chief of Naval Education and Training. OCLC 11765918

85-12351

D 207.208/3:43300-4

United States. Chief of Naval Education and Training.

Personnel qualification standard for FF-1052 class command and control qualification section 4, weapons control. — [San Diego, CA] : Chief of Naval Education and Training, 1984.

I v. (loose-leaf) : 1 form ; 28 cm. Cover title. "March 1976"—Cover. Bibliography: p. 143. "NAVEDTRA 43300-4." "0501-LP-222-6635." ●Item 404

1. United States. Navy 2. United States. Navy I. Title. OCLC 11750464

85-12352

D 207.208/3:43339 A

United States. Chief of Naval Education and Training.

Personnel qualification standard for MK 68 gunfire control system (GFCS). — [Washington, D.C.?] : Chief of Naval Education and Training, 1984.

I v. (loose-leaf) : forms ; 28 cm. Cover title. "January 1984." "NAVEDTRA 43339A." "0501-LP-222-8505."

●Item 404

1. United States. Navy 2. Gunnery—Handbooks, manuals, etc. I. Title. OCLC 11765873

85-12353

D 207.208/3:43357

Personnel qualification standard for surface electronic warfare operations. — [Washington, D.C.?] : Chief of Naval Education and Training, 1985.

I v. (loose-leaf) : 1 form ; 28 cm. Cover title. "May 1979." Bibliography: p. 73. "NAVEDTRA 43357." "0501-LP-223-0700." ●Item 404

1. United States. Navy 2. Electronics in military engineering—Handbooks, manuals, etc. I. United States. Chief of Naval Education and Training. OCLC 11750207

85-12354

D 207.208/3:43404-9

Personnel qualification standard for BB-61 class engineering qualification section 9, auxiliary. — [Washington, D.C.?] : Chief of Naval Education and Training, [1982-]

I v. (loose-leaf) : forms ; 28 cm. Cover title. "November 1982." "NAVEDTRA 43404-9." "0501-LP-223-5420."

●Item 404

1. United States. Navy 2. Military engineering—Handbooks, manuals, etc. I. United States. Chief of Naval Education and Training. OCLC 11770494

85-12355

D 207.208/3:43413

Personnel qualification standard for MK-37 gunfire control system (GFCS). — [Washington, D.C.?] : Chief of Naval Education and Training, 1985.

I v. (loose-leaf) : forms ; 28 cm. Cover title. "September 1983." "NAVEDTRA 43413." "0501-LP-223-6300."

●Item 404

1. United States. Navy 2. Fire control (Naval gunnery) I. United States. Chief of Naval Education and Training. OCLC 11750193

85-12356

D 207.208/3:43431-5

Personnel qualification standard for H-1 helicopter qualification section 5 electrical. — [Washington, D.C.?] : Chief of Naval Education and Training, 1985.

I v. (loose-leaf) : forms ; 28 cm. Cover title. "April 1982." "NAVEDTRA 43431-5." "0501-LP-223-8114."

●Item 404

1. United States. Navy 2. Helicopters—Electric equipment—Handbooks, manuals, etc. I. United States. Chief of Naval Education and Training. II. Title: Personnel qualification standard for H-one helicopter qualification section 5 electrical. OCLC 11765912

85-12357

D 207.208/5:10923 D

Seamanship : officer correspondence course. — [Pensacola, Fla.] : Published by the Naval Education and Training Program Development Center for the Chief of Naval Education and Training, 1984.

iii, 82 p. : ill., forms ; 28 cm. "NAVEDTRA 10923-D." "8407." ●Item 404

1. United States. Navy I. Naval Education and Training Program Development Center. II. United States. Chief of Naval Education and Training. OCLC 11743728

## NAVAL MILITARY PERSONNEL COMMAND Defense Dept.

Washington, DC 20370

85-12358

D 208.6/3:C 73/6

Command assessor team manual. — [Washington, D.C.?] : Dept. of the Navy, Naval Military Personnel Command, [1984]

31, 16 p. : 1 form ; 28 cm. Cover title. "September 7, 1984"—P. [2] of cover. "NAVPER 15517." ●Item 403-A

1. United States. Navy 2. Problem solving. I. United States. Naval Military Personnel Command. OCLC 11694850

## NAVAL FACILITIES ENGINEERING COMMAND

Defense Dept.

Washington, DC 20360

85-12359

D 209.2:En 3/3

The Navy Civil Engineer Corps. — [Alexandria, Va. : Naval Facilities Engineering Command, 1984?]

20 p. : col. ill. ; 21 x 28 cm. Cover title. ●Item 418

1. United States. Navy. Civil Engineer Corps. I. United States. Naval Facilities Engineering Command. OCLC 11766189

85-12360

D 209.2:R 31

Navy Civil Engineer Corps : ready reserve opportunities. — Alexandria, VA : Dept. of the Navy, Naval Facilities Engineering Command, [1984?]

13 p. : col. ill., 1 form ; 21 x 28 cm. Cover title. ●Item 418

1. United States. Navy. Civil Engineer Corps I. United States. Naval Facilities Engineering Command. OCLC 11694667

**NAVAL RESEARCH OFFICE**  
Defense Dept.  
Arlington, VA 22217

85-12361

D 210.8/2:5084

Hsiao, James K.

On the design of an optimal waveform to maximize scattering from a flat plate and a cone / J.K. Hsiao. — Washington, D.C. : Naval Research Laboratory, [1983]

iii, 8 p. : ill. ; 28 cm. — (NRL memorandum report ; 5084) Interim report. Cover title. Distributed to depository libraries in microfiche. "June 10, 1983." Naval Sea Systems Command. Project No.: 62712N, Project No.: SF12131691, Project No.: 53-0611-0-0. ●Item 407-H-1 (microfiche)

1. Scattering (Physics) I. Naval Research Laboratory (U.S.) II. Title. III. Series. OCLC 11780235

85-12362

D 210.8/2:5336

Laxpati, S. R.

A comparative study of linear array synthesis technique using a personal computer / S.R. Laxpati, J.P. Shelton, and M.A. Burns. — Washington, D.C. : Naval Research Laboratory, [1984]

iii, 21 p. : ill. ; 28 cm. — (NRL memorandum report ; 5336) Interim. Cover title. Distributed to depository libraries in microfiche. "May 29, 1984." Includes bibliographical references. Naval Electronics Systems Command. Project No.: 62712N, Project No.: XF12-141-100, Project No.: 53-1854-A4. ●Item 407-H-1 (microfiche)

1. Linear algebraic groups — Computer programs. I. Shelton, J. Paul. II. Burns, M. A. III. Naval Research Laboratory (U.S.) IV. Title. V. Series. OCLC 11780221

**NAVAL SEA SYSTEMS COMMAND**  
Defense Dept.

Washington, DC 20360

85-12363

D 211.2:C 18/coop/985

The Co-operative education program : a career opportunity for you. — [Arlington, VA?] : Naval Sea Systems Command, [1985?]

15 p. : col. ill. ; 21 cm. Cover title. ●Item 412

1. United States. Navy 2. United States. Navy 3. Education, Cooperative — United States. I. United States. Naval Sea Systems Command. OCLC 11747485

85-12364

D 211.2:C 18/pre-coop/985

The (Pre) co-operative education program : a career opportunity for you. — [Arlington, VA?] : Naval Sea Systems Command, [1985?]

17 p. : col. ill. ; 21 cm. Cover title. ●Item 412

1. United States. Navy 2. United States. Navy 3. Education, Cooperative — United States. I. United States. Naval Sea Systems Command. OCLC 11747469

85-12365

D 211.2:N 69

Urlick, Robert J.

Ambient noise in the sea / R.J. Urlick. — Washington, D.C. : Undersea Warfare Technology Office, Naval Sea Systems Command, Dept. of the Navy, 1984.

1 v. (various pagings) : ill. ; 28 cm. Includes bibliographical references and index. ●Item 412

1. Noise. 2. Underwater acoustics — United States. I. United States. Naval Sea Systems Command. Undersea Warfare Technology Office. II. Title. OCLC 11780047

**NAVAL OBSERVATORY**  
Defense Dept.  
Washington, DC 20350

85-12366

D 213.7:985-2

Air almanac (Washington, D.C.)

The Air almanac / issued by the Nautical Almanac Office, United States Naval Observatory under the authority of the Secretary of the Navy. Washington : The Office : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. ; 26 cm.

Semiannual, Jan.-June 1977.

Three times a year, Jan./Apr. 1953-Sept./Dec. 1976

\$12.00

Began with Jan./Apr. 1953. Jan.-Dec. 1985. Description based on: Jan.-June 1981. United Kingdom ed. published as Air publication 1602 in London by the order of the Secretary of State for Defence. ●Item 393 S/N 008-054-00106-8 Formed by the union of American air almanac and British air almanac

1. Navigation (Aeronautics) — Tables — Periodicals. 2. Nautical almanacs — Periodicals. I. United States Naval Observatory. Nautical Almanac Office. TL587.A36 52-061239 //r733 528/.05 OCLC 02257061

**AIR FORCE DEPARTMENT**

Defense Dept.

Washington, DC 20330

85-12367

D 301.2:J 98

Military justice. — [Washington, D.C.] : MAC NCO Academy, 1984.

1 v. (loose-leaf) : ill. ; 28 cm. Cover title. ●Item 424

1. Military law — United States. 2. Courts-martial and courts of inquiry — United States. I. MAC NCO Academy (U.S.) OCLC 11750635

85-12368

D 301.2:M 59/2

Military skills. — Hill Air Force Base, Utah : Air Force Logistics Command, Noncommissioned Officers Leadership School, 1985.

1 v. (loose-leaf) : ill. ; 28 cm. Cover title. ●Item 424

1. United States. Air Force. 2. Military art and science — Handbooks, manuals, etc. I. United States. Air Force Logistics Command. Noncommissioned Officers Leadership School. OCLC 11766177

85-12369

D 301.6/2:55-40

Sturgill, Ruthy.

Joint airdrop inspection records, malfunction investigations, and activity reporting : operations. — Washington, DC : Dept. of the Air Force, [1984.]

1 v. (loose-leaf) ; 28 cm. — (AFR ; 55-40) (AR ; 59-4) (OPNAVINST ; 4630.24B) (MCO ; 13480.1B) Caption title. "Supersedes AFR 55-40/AR 59-4/OPNAVINST 4630-24A/MCO 13480.1A, 22 October 1975"—P. [1] "27 November 1984." ●Item 425

1. Airdrop. 2. Transportation, Military. I. United States. Dept. of the Air Force. II. Title. III. Series: United States. Dept. of the Army. Army regulation ; no. 59-4. IV. Series: United States. Office of the Chief of Naval Operations. Instructions ; 4630.24B. V. Series: United States. Marine

# Air Force Department — Defense Dept.

Corps. MCO : 13480.1B. VI. Series: Air Force regulation : 55-40. OCLC 11770066

85-12370

D 301.6/5:AI 2

Self aid/buddy care instructions. — Moody AFB, GA : 347 TFW, [1984?]  
ii, 52 p. : ill. ; 22 cm. ●Item 424-F  
1. United States. Air Force 2. Life-saving — United States — Handbooks, manuals, etc. I. Moody Air Force Base (Ga.). 347 TFW. OCLC 11766107

85-12371

D 301.6/5:C 73/2

HP 1000 E-series computer, HP 2109B and HP 2113B installation and service manual. — 2nd ed. Sept. 1981. — Cupertino, Calif. : Hewlett-Packard Company, Data Systems Division ; [Washington, D.C.? : Dept. of the Air Force], 1984-  
1 v. (loose-leaf) : ill. ; 28 cm. "Manual part no. 02109-90015." Includes bibliographical references. ●Item 424-F  
1. United States. Air Force 2. Computers — Handbooks, manuals, etc. I. United States. Dept. of the Air Force. II. Hewlett-Packard Company. Data Systems Division. III. Title: H.P. 1000, E-series computer HP 2109B and HP 2113B installation and service manual. OCLC 11765862

85-12372

D 301.6/5:M 91

2-line and 8-line communications multiplexers maintenance manual. — Oceanport, N.J. : Perkin-Elmer, Computer Systems Division ; [Washington, D.C.? : U.S. Dept. of the Army], 1984-  
1 v. (loose-leaf) : ill. ; 28 cm. Includes index. "Publication number H29-650R 19." ●Item 424-F  
1. Multiplexing — Handbooks, manuals, etc. 2. Communication — United States — Equipment and supplies — Maintenance and repair — Handbooks, manuals, etc. I. Perkin-Elmer Corporation. Computer Systems Division. II. United States. Dept. of the Army. III. Title: Two-line and eight-line communications multiplexers maintenance manual. OCLC 11778237

85-12373

D 301.6/5:T 68/2

Allison transmissions : automatic models AT 540. — Rev. 1 Apr. 1975. — Indianapolis, Ind. : Detroit Diesel Allison, Division of General Motors Corporation ; [Washington, D.C.? : U.S. Army Department], 1975 (1985 printing)-  
1 v. (loose-leaf) : ill. ; 28 cm. At head of title: Service manual. "SA 1241F." ●Item 424-F  
1. Automobiles — Transmission devices, Automatic. I. General Motors Corporation. Detroit Diesel Allison Division. II. United States. Dept. of the Army. OCLC 11780086

85-12374

D 301.6/5-2:984

Handbook for service attaches accredited to the Department of the Air Force. [Washington, D.C.] : The Department, v. : ports. ; 26 cm.  
Semiannual  
Began with spring 1979. Spring 1984. Description based on: winter 1982. ●Item 424-F-1 ISSN 0737-4569  
Continues: Service attaches accredited to the Department of the Air Force  
1. Military attaches — United States — Directories. 2. Diplomatic and consular service in the United States — Directories. I. United States. Dept. of the Air Force. UB260.H35 84-649886 358.4/16 2 19 OCLC 05912730

85-12375

D 301.17/2:11 A 6-14-7

Storage and maintenance procedures with illustrated parts breakdown : airfoil group, guided bomb, MXU-724/B, part no. HK020503-601-00. — [Washington, D.C.? : Secretary of the Air Force, 1984-  
1 v. (loose-leaf) : ill. ; 28 cm. — (T.O. ; 11A6-14-7) At head of title: Technical manual. "(Rockwell International Corporation), Contract no. F08635-80-C-0328." For official use only. "15 October 1983."

1. United States. Air Force 2. Guided bombs — Maintenance and repair — Handbooks, manuals, etc. 3. Guided bombs — Storage — Handbooks, manuals, etc. I. United States. Dept. of the Air Force. II. Series: Air Force TO ; 11 A 6-14-7. OCLC 11743694

85-12376

D 301.17/2:11 A 12-8-7

Storage and maintenance procedures with illustrated parts breakdown : adapter, guidance section to warhead, ADU-452A/B, part no. HA020503-301-00. — [Washington, D.C.? : Secretary of the Air Force, 1984-  
1 v. (loose-leaf) : ill. ; 28 cm. — (T.O. ; 11A12-8-7) At head of title: Technical manual. "(Rockwell International Corporation), Contract no. F08635-80-C-0328." For official use only. "15 October 1983."

1. United States. Air Force 2. United States. Air Force I. United States. Dept. of the Air Force. II. Series: Air Force TO ; 11 A 12-8-7. OCLC 11743700

85-12377

D 301.17/2:11 G 7-7-5-7

Storage and maintenance procedures with illustrated parts breakdown : target detecting device, modular guided bomb, DSU-27A/B, part no. HG020601-001-00. — [Washington, D.C.? : Secretary of the Air Force, 1984-  
1 v. (loose-leaf) : ill. ; 28 cm. — (T.O. ; 11G7-7-5-7) At head of title: Technical manual. "(Rockwell International Corporation), Contract no. F08635-80-C-0328." For official use only. "15 October 1983."

1. United States. Air Force 2. Guided bombs — Maintenance and repair — Handbooks, manuals, etc. 3. Guided bombs — Storage — Handbooks, manuals, etc. I. United States. Dept. of the Air Force. II. Series: Air Force TO ; 11 G 7-7-5-7. OCLC 11743709

85-12378

D 301.26/6:D 56/unit 3-4

Tipton, William E.

Digital techniques : module 10005. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-  
v. : ill. ; 28 cm. Description based on unit 3. Contents: unit 3. Clock/pulse generators / prepared by William E. Tipton, Jr. ; edited by Tommie F. Davis — unit 4. Sequential logic / prepared by Daniel E. Van Sleet ; edited by Carolyn J. Brown. Includes bibliographies. "36251 05 S36 8112"—Unit 3. "36251 05 S37 8112"—Unit 4. "10005 530 003 8112 DIGB"—Unit 3. "10005 530 004 8112 DIGB"—Unit 4. ●Item 422-K

1. United States. Air Force 2. Signal processing — Digital techniques — Handbooks, manuals, etc. 3. Sequential machine theory — Handbooks, manuals, etc. I. Davis, Tommie F. II. Van Sleet, Daniel E. III. Brown, Carolyn Jo. IV. Air University (U.S.). Extension Course Institute. V. Title. OCLC 11765758

85-12379

D 301.26/6:W 44

Welcome! Class of 1986. — [Maxwell Air Force Base, Ala.] : Air Command and Staff College, 1985-  
v. : ill. ; 28 cm. Cover title. ●Item 422-K  
1. United States. Air Force 2. Air University (U.S.). Air Command and Staff College I. Air University (U.S.). Air Command and Staff College. OCLC 11766171

85-12380

D 301.26/12:H 88/stud.

Martilla, Gary.

Student workbook : human requirements of flight / adapted from Air Command and Staff research report number 84-1675 by Gary Martilla. — Maxwell AFB, Ala. : Air Force ROTC, Air Training Command, 1984-  
1 v. (loose-leaf) : forms ; 28 cm. Cover title. ●Item 421-E-4  
1. Space flight — Physiological effect. 2. Space flight training. I. United States. Air Force ROTC. II. Title. III. Title: Human requirements of flight. OCLC 11731736

85-12381

D 301.26/12:L 46/6

Chalker, Edsel O.

Leadership education I / Edsel O. Chalker. — Maxwell Air Force Base, Ala. : Air Force Junior ROTC, Air Training Command/ATC, 1984.  
vi, 88 p. : ill. ; 28 cm. "V-7106"—Cover. ●Item 421-E-4  
1. Leadership. I. United States. Air Force Junior ROTC. II. Title. III. Title: Leadership education one. OCLC 11770035

85-12382

D 301.26/17-2:11650 02 8403

Sorenson, Vernon C.

Airborne communications systems operator (AFSC 11650) / prepared by Vernon C. Sorenson ; edited by Jane C. Hartin. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-  
v. : ill., forms, maps ; 28 cm. Description based on vol. 2. Bibliography: vol. 2, p. 137. Contents: v. 2. Airborne voice/data communications skills and procedures. "11650 02 8403"—Vol. 2. "CDC 11650." ●Item 421-E-4  
1. United States. Air Force 2. Communications, Military — Handbooks, manuals, etc. 3. Aeronautics — Communication systems — Handbooks, manuals, etc. I. Hartin, Jane C. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11769777

85-12383

D 301.26/17-2:11650 03 8404

Sorenson, Vernon C.

Airborne communications systems operator (AFSC 11650) / prepared by Vernon C. Sorenson ; edited by Mary H. Mrotek. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, [1984?]-  
v. : ill., forms ; 28 cm. Description based on vol. 3. Contents: v. 3. Airborne equipment/systems, inspections, and maintenance. Bibliography: vol. 3, p. 50. "11650 03 8404." "CDC 11650." ●Item 421-E-4  
1. United States. Air Force 2. Airplanes — Radio equipment — Handbooks, manuals, etc. 3. Flight radio operators — United States — Handbooks, manuals, etc. I. Mrotek, Mary H. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11750478

85-12384

D 301.26/17-2:24250 06 8501

Glenn, Joseph L.

Disaster preparedness specialist (AFSC 24250) / [prepared by Joseph L. Glenn ; edited by Mary F. Skipper]. — Gunter

Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill., 1 form ; 28 cm. Description based on vol. 6. Contents: v. 6. Nuclear warfare operations. "24250 06 8501"—Vol. 6. "CDC 24250." ●Item 421-E-4

1. United States. Air Force 2. Civil defense — Handbooks, manuals, etc. I. Skipper, Mary F. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11731657

85-12385

D 301.26/17-2:27132 04 8405

Sueller, James A.

Apprentice operations systems management specialist (AFSC 27132) / [prepared by James A. Sueller ; prepared by 3395th Technical Training Group, HQ Keesler Technical Training Center (ATC)]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-  
v. : ill., maps, forms ; 28 cm. Contents: v. 4. Air Force Operations Resource Management System (AFORMS) / prepared by Danny C. Cable ; edited by Joyce G. Grimes. Description based on vol. 3. Bibliography: vol. 4, p. 120. "27132 04 8405"—Vol. 4. "CDC 27132." ●Item 421-E-4  
1. United States. Air Force 2. Aeronautics — United States — Management — Handbooks, manuals, etc. I. Cable, Danny C. II. Grimes, Joyce G. III. Keesler Technical Training Center (ATC). Technical Training Group, 3395th. IV. Air University (U.S.). Extension Course Institute. V. Title. OCLC 11527760

85-12386

D 301.26/17-2:27350 01 8412

Fagan, Guy T.

Combat control operator (AFSC 27350) / [prepared by Guy T. Fagan ; edited by Jane C. Hartin]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-  
v. : ill., forms ; 28 cm. Bibliography: v. 1, p. 98. Contents: v. 1. Air traffic control fundamentals and procedures. "27350 01 8412." "CDC 27350." ●Item 421-E-4  
1. United States. Air Force 2. Air traffic control — United States. I. Hartin, Jane C. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11770487

85-12387

D 301.26/17-2:30270 04 8404

Harbaugh, Eugene E.

Weather equipment technician (AFSC 30270) / [prepared by Eugene E. Harbaugh ; edited by Jane C. Hartin]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1985-  
v. : ill. ; 28 cm. Description based on volume 4. Contents: v. 4. Radar. "30270 04 8404." "CDC 30270." ●Item 421-E-4  
1. United States. Air Force 2. Meteorological instruments — Handbooks, manuals, etc. I. Hartin, Jane C. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11770437

85-12388

D 301.26/17-2:30456 06 8303

Callery, Douglas J.

Space communications systems equipment operator/specialist (AFSC 30456) / [prepared by Douglas J. Callery ; edited by Mary F. Skipper]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1985-  
v. : ill., 2 forms ; 28 cm. Description based on vol. 6. Bibliography: p. 45. Contents: v. 6. Installation, maintenance techniques, and maintenance tools. "30456 06 8303." "CDC 30456." ●Item 421-E-4

## Air Force Department — Defense Dept.

1. United States. Air Force 2. Astronautics — United States — Communications systems — Handbooks, manuals, etc. I. Skipper, Mary F. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11738381

85-12389

D 301.26/17-2:32172 P 03 7802

O'Hair, James.

Weapon control systems technician (F-4C/D: APQ-109/ APA-165). (AFSC 32172P) / [prepared by James O'Hair and Tip Farmer; prepared by 3430th Technical Training Group, 3400th Technical Training Wing (ATC), Lowry Air Force Base]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1985-

v. : ill. ; 28 cm. Description based on vol. 3. Contents: v. 3. Test equipment. "32172P 03 7802"—Vol. 3. "CDC 32172P." ●Item 421-E-4

1. United States. Air Force 2. United States. Air Force 3. Electronic technicians. I. Farmer, Tip. II. Lowry Air Force Base (Colo.). 3430th Technical Training Group. III. Air University (U.S.). Extension Course Institute. IV. Title. OCLC 11694662

85-12390

D 301.26/17-2:32470 04 7709

Precision measuring equipment technician (AFSC 32470) / [prepared by 3450th Technical Training Group, USAF School of Applied Aerospace Sciences (ATC)]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill. ; 28 cm. Description based on vol. 4. Contents: v. 4. Radiac equipment and measurements / [prepared by Frederick V. Miller]. "32470 04 7709"—Vol. 4. "CDC 32470." ●Item 421-E-4

1. United States. Air Force 2. Physical measurements — Handbooks, manuals, etc. I. Miller, Frederick V. II. USAF School of Applied Aerospace Sciences. 3450th Technical Training Group. III. Air University (U.S.). Extension Course Institute. OCLC 11402997

85-12391

D 301.26/17-2:32853 02 7703

Newton, Wendell L.

Electronic warfare systems specialist (AFSC 32853) / [prepared by Wendell L. Newton; prepared by 3380th Technical Training Group, USAF Schools of Applied Aerospace Sciences (ATC)]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984.

v. : ill. ; 28 cm. Description based on volume 2. Contents: v. 2. Test equipment, maintenance principles, and handtools. "32853 02 7703." "CDC 32853." ●Item 421-E-4

1. United States. Air Force 2. Electronics in military engineering — Handbooks, manuals, etc. I. USAF School of Applied Aerospace Sciences. 3380th Technical Training Group. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11766151

85-12392

D 301.26/17-2:34152 03 8012

Pearson, Edward C.

Defensive system trainer specialist (AFSC 34152) / [prepared by Edward C. Pearson, Jr.] — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill. ; 28 cm. Description based on vol. 3. Contents: v. 3. Application of solid state circuitry and servosystems. "34152 03 8012"—Vol. 3. "CDC 34152." ●Item 421-E-4

1. United States. Air Force 2. Attack and defense (Military science) — Handbooks, manuals, etc. I. Air University (U.S.). Extension Course Institute. II. Title. OCLC 11731375

Page 66

85-12393

D 301.26/17-2:34152 06 8102

Sheehan, Martin D.

Defensive system trainer specialist (AFSC 34152) / [prepared by Martin D. Sheehan; prepared by 3360 Technical Training Group (ATC), Chanute Air Force Base]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1985-

v. : ill. ; 28 cm. Description based on vol. 6. Contents: v. 6. Circuit theory and system function. "34152 06 8102." "CDC 34152." ●Item 421-E-4

1. United States. Air Force 2. B-52 Bomber — Handbooks, manuals, etc. I. Chanute Air Force Base. 3360 Technical Training Group (ATC) II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11738399

85-12394

D 301.26/17-2:39250 01 8308

Seader, George J.

Maintenance scheduling specialist (AFSC 39250) / [prepared by George J. Seader; edited by Julia F. Woodard]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1985-

v. : forms ; 28 cm. Bibliography: p. 33. Contents: v. 1. Maintenance scheduling fundamentals. "39250 01 8308." "CDC 39250." ●Item 421-E-4

1. United States. Air Force 2. Airplanes, Military — Maintenance and repair — Handbooks, manuals, etc. I. Woodard, Julia F. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11738445

85-12395

D 301.26/17-2:42153 03 7407

Aerospace ground equipment repairman (AFSC 42153) / [prepared by Department of Aircraft Specialist Training, USAF School of Applied Aerospace Sciences (ATC)]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1985-

v. : ill. ; 28 cm. Description based on vol. 3. Contents: v. 3. Engines, generators, and air compressors. "42153 03 7407." "CDC 42153." ●Item 421-E-4

1. United States. Air Force 2. Airplanes — Equipment and supplies — Handbooks, manuals, etc. I. USAF School of Applied Aerospace Sciences. Dept. of Aircraft Specialist Training. II. Air University (U.S.). Extension Course Institute. OCLC 11750549

85-12396

D 301.26/17-2:42653 03 8202

McCarty, John N.

Turboprop propulsion mechanic (AFSC 42653) / [prepared by John N. McCarty]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill., forms ; 28 cm. "Extension Course Institute, Air Training Command"—Vol. 3. Contents: v. 3. Turboprop equipment and engine systems / [edited by Jane S. Allen]. "42653 03 8202"—Vol. 3. "CDC 42653." ●Item 421-E-4

1. United States. Air Force 2. Airplanes — Turbine-propeller engines — Handbooks, manuals, etc. 3. Mechanics (Persons) I. Allen, Jane S. II. Air University (U.S.). Extension Course Institute. III. United States. Air Force. Air Training Command. Extension Course Institute. IV. Title. OCLC 11594482

85-12397

D 301.26/17-2:42653 05 8310

McCarty, John N.

Turboprop propulsion mechanic (AFSC 42653) / [prepared by John N. McCarty]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill., forms ; 28 cm. Contents: v. 5. Hamilton standard turbopropeller operation / [edited by Dorothy W. Fuller]. "42653 05 8310"—Vol. 5. "CDC 42653." ●Item 421-E-4

1. United States. Air Force 2. Airplanes—Turbine-propeller engines—Handbooks, manuals, etc. 3. Mechanics (Persons) I. Allen, Jane S. II. Fuller, Dorothy W. III. Air University (U.S.). Extension Course Institute. IV. United States. Air Force. Air Training Command. Extension Course Institute. V. Title. OCLC 11594482

85-12398

D 301.26/17-2:42654 04 8501

DeLong, Carl F.

F-100 jet engine mechanic (AFSC 42654) / [prepared by Carl F. DeLong ; edited by Joyce G. Grimes]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1985-

v. (loose-leaf) : ill. ; 28 cm. Description based on vol. 4. Contents: v. 4. Associated F-100 jet engine systems. "42654 04 8501." "CDC 42654." ●Item 421-E-4

1. United States. Air Force 2. Airplanes—Turbojet engines—Maintenance and repair—Handbooks, manuals, etc. 3. Mechanics (Persons) I. Grimes, Joyce G. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11738304

85-12399

D 301.26/17-2:56651 03 8209

Robinson, Robert T.

Environmental support specialist (AFSC 56651) / [prepared by Robert T. Robinson]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill., forms ; 28 cm. Contents: v. 3. Operation and maintenance of water plants / edited by Margaret D. Wolfe. "56651 03 8209"—Vol. 3. "CDC 56651." ●Item 421-E-4

1. United States. Air Force 2. Civil engineering—United States—Handbooks, manuals, etc. I. Wolfe, Margaret D. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11604761

85-12400

D 301.26/17-2:62251 02 8301

Colyer, Kenny D.

Diet therapy specialist (AFSC 62251) / [prepared by Kenny D. Colyer ; edited by Gwen W. Story]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill., forms ; 28 cm. Description based on vol. 2. Bibliography: vol. 2, p. 122. Contents: v. 2. Quality food production and service. "62251 02 8301"—Vol. 2. "CDC 62251." ●Item 421-E-4

1. United States. Air Force 2. Dietitians—United States. I. Story, Gwen W. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11731674

85-12401

D 301.26/17-2:64570 01 8011

D 301.26/17-2:64570 02 8011

D 301.26/17-2:64570 03 8012

Inventory management supervisor (AFSC 64570) / [prepared by Robert L. Dycus ... [et al.]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

3 v. (loose-leaf) : ill., forms ; 28 cm. "64570 01 8011"—Vol. 1. "64570 02 8011"—Vol. 2. "64570 03 8012"—Vol. 3. "CDC 64570." Contents: v. 1. Standard base supply system (SBSS) and supply systems branch / [edited by Barbara D. Lang] — v. 2. Customer support / [edited by Louise Edwards] — v. 3. Materiel management and miscellaneous / [edited by Jane S. Allen]. ●Item 421-E-4

1. United States. Air Force 2. Inventory control—Handbooks, manuals, etc. 3. Military supplies—Handbooks, manuals, etc. I. Dycus, Robert L. II. Lang, Barbara D. III. Edwards, Louise. IV. Allen, Jane S. V. Air University (U.S.). Extension Course Institute. OCLC 11780144

85-12402

D 301.26/17-2:66150 02 8409

Wise, Bobby L.

Logistics plans specialist (AFSC 66150) / [prepared by Bobby L. Wise, Michael J. Miller ; edited by Mavis M. Whigham]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1985-

v. : ill., forms ; 28 cm. Description based on vol. 2. Contents: v. 2. The planning and mobility functions of logistics. "66150 02 8409." "CDC 66150." ●Item 421-E-4

1. United States. Air Force 2. Logistics—Handbooks, manuals, etc. I. Miller, Michael J., 1951- II. Whigham, Mavis M. III. Air University (U.S.). Extension Course Institute. IV. Title. OCLC 11738476

85-12403

D 301.26/17-2:70570 02 8312

Villarreal, F.

Legal services technician (AFSC 70570) / [prepared by Filemon Villarreal, Jr. ; edited by Mavis V. Whigham]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill. ; 28 cm. Description based on vol. 2. Contents: v. 2. Civil law. Bibliography: p. 55. "70570 02 8312." "CDC 70570." ●Item 421-E-4

1. United States. Air Force 2. Legal assistants—United States—Handbooks, manuals, etc. 3. Military law—United States—Handbooks, manuals, etc. I. Whigham, Mavis V. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11765771

85-12404

D 301.26/17-2:70570 04 8401

Villarreal, F.

Legal services technician (AFSC 70570) / [prepared by F. Villarreal, Jr. ; edited by Virginia J. Fisher]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : forms ; 28 cm. Description based on vol. 4. Contents: v. 4. Air Force claims. "70570 04 8401"—Vol. 4. "CDC 70570." ●Item 421-E-4

1. United States. Air Force 2. Legal services—United States—Handbooks, manuals, etc. I. Fisher, Virginia J. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11731640

85-12405

D 301.26/17-2:79151 02 8501

Radio and television broadcasting specialist (AFSC 79151). — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill. ; 28 cm. Description based on vol. 2. Bibliography: vol. 2, p. 65. Contents: v. 2. Producing, writing, and directing. "79151 02 8501"—Vol. 2. "CDC 79151." ●Item 421-E-4

1. United States. Air Force 2. Broadcasters—United States. 3. Military television—Handbooks, manuals, etc. 4. Radio, Military—United States—Handbooks, manuals, etc. I. Air University (U.S.). Extension Course Institute. II. Title. OCLC 11769789

## Air Force Academy — Defense Dept.

85-12406

D 301.26/17-3:2570 05 8308

Newman, Charles E.

Meteorological technician (AFSC 25170). — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

v. : ill., forms ; 28 cm. At head of title: Course 2570. Description based on vol. 5. Bibliography: p. 76. Contents: v. 5. Mission support and special topics. "2570 05 8308."

●Item 421-E-4

1. United States. Air Force 2. Meteorology — United States — Vocational guidance. I. Air University (U.S.). Extension Course Institute. II. Title. OCLC 11770476

85-12407

D 301.26/17-4:10001 532 001 7807 CORB

Grady, Paul, 1914-

Corrosion control / [prepared by Paul Grady ; prepared by 3770th Technical Training Group (ATC), Technical Training School]. — Gunter Air Force Station, Ala. : Extension Course Institute, Air University, 1984-

1 v. (loose-leaf) : ill. ; 28 cm. At head of title: Module. "30554 03 S21 7807." "10001 532 001 7807 CORB." ●Item 421-E-4

1. United States. Air Force 2. Corrosion and anti-corrosives — Handbooks, manuals, etc. I. Sheppard Air Force Base (Tex.). 3770th Technical Training Group. II. Air University (U.S.). Extension Course Institute. III. Title. OCLC 11766158

85-12408

D 301.45/27:83-1

Barlow, Esther M.

Annotated bibliography of the Air Force Human Resources Laboratory technical publications, 1981 / by Esther M. Barlow. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, 1984.

38 p. ; 28 cm. — (AFHRL-TR ; 83-1) Final. Cover title. Distribution limited to U.S. government agencies and their contractors. "June 1984." Includes indexes. Project No.: 99830999.

1. Air Force Human Resources Laboratory I. Air Force Human Resources Laboratory. II. Title. III. Series. OCLC 11765925

85-12409

D 301.45/27:83-60

Analysis to improve the maintenance environment : a view from active-duty missile maintenance personnel / by Andrew P. Chenzoff ... [et al.]. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, 1984.

viii, 154 p. : ill. ; 28 cm. — (AFHRL-TR ; 83-60) Final. Sep 82 to Mar 83. Cover title. Distribution limited to U.S. government agencies only. "June 1984." Includes bibliographical references. Air Force Human Resources Laboratory. Project No.: 62205F, Project No.: 1710, Project No.: 02.

1. Guided missiles — Maintenance and repair. I. Chenzoff, Andrew P. II. Air Force Human Resources Laboratory. III. Series. OCLC 11765887

85-12410

D 301.45/27-4:84-23

McCombs, Barbara L.

Self-paced instruction : factors critical to implementation in Air Force technical training : a preliminary inquiry / by Barbara L. McCombs, Susan M. Back, Anita S. West. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, Air Force Systems Command, [1984]

iv, 106 p. : ill., forms ; 28 cm. — (AFHRL technical paper ; 84-23) Final. May 82 to Sep 82. "Denver Research Institute, University of Denver." Distributed to depository li-

braries in microfiche. "August 1984." Bibliography: p. 49-57. Project No.: 62205F, project no. 1121, task no. 09, work unit no. 15. ●Item 421-E-3 (microfiche)

1. Programmed instruction — United States. 2. Individualized instruction. I. Back, Susan M., 1948- II. West, Anita S. III. Air Force Human Resources Laboratory. IV. Denver Research Institute. V. Title. VI. Series: AFHRL-technical paper ; 84-23. OCLC 11672492

85-12411

D 301.45/27-4:84-24

Back, Susan M., 1948-

Factors critical to the implementation of self-paced instruction : a background review / by Susan M. Back, Barbara L. McCombs. — Brooks Air Force Base, Tex. : Air Force Human Resources Laboratory, Air Force Systems Command, [1984]

iii, 54 p. : ill. ; 28 cm. — (AFHRL technical paper ; 84-24) Final. May 82 to Dec 82. "Denver Research Institute, University of Denver." Distributed to depository libraries in microfiche. "August 1984." Bibliography: p. 45-54. Project No.: 62205F, project no. 1121, task no. 09, work unit no. 02, Project No.: 62205F, project no. 1121, task no. 09, work unit no. 15. ●Item 421-E-3 (microfiche)

1. Programmed instruction — United States. 2. Individualized instruction. I. McCombs, Barbara L. II. Air Force Human Resources Laboratory. III. Denver Research Institute. IV. Title. V. Series: AFHRL-technical paper ; 84-24. OCLC 11672497

## AIR FORCE ACADEMY

Defense Dept.

U.S. Air Force Academy, CO 80840

85-12412

D 305.6/2:W 44

Welcome to the United States Air Force Academy. — Colorado Springs, CO : [U.S. Air Force Academy, 1984?]

1 sheet : ill., 1 col. map ; 28 x 44 cm. folded to 22 x 10 cm. ●Item 425-A-1

1. United States Air Force Academy. I. United States Air Force Academy. OCLC 11765920

## ENERGY DEPARTMENT

Washington, DC 20585

85-12413

E 1.2:F 95

The Nuclear fuel cycle. — [Washington, D.C. : Energy Dept.], 1984.

[4] p. : ill., 1 col. map ; 28 cm. Caption title. "August 1984"—P. [1] ●Item 429-A

1. Nuclear fuels — United States. 2. Reactor fuel reprocessing — United States. I. United States. Dept. of Energy. OCLC 11732180

85-12414

E 1.2:R 31/2/v.1

Operating research plan / prepared by the Interagency Task Force on Acid Precipitation. — Washington, D.C. : The Task Force : For sale by the Supt. of Docs., U.S.G.P.O., 1984-

v. : ill. ; 28 cm. "National Acid Precipitation Assessment Program"—Cover. Contents: v. 1. Research framework. ●Item 429-A S/N 041-001-00279-1 @ GPO \$4.75

1. Acid rain — Research — United States. I. United States. Interagency Task Force on Acid Precipitation. OCLC 11672508

85-12415

E 1.28:BNL 34710

National Synchrotron Light Source / [editor, R.W. Klaffky]. — Upton, Long Island, N.Y. : Brookhaven National Laboratory, 1984.

18, [1] p. : ill. (some col.), 1 col. map ; 22 x 28 cm. Cover title. "Under contract no. DE-AC02-76CH00016 with the United States Department of Energy"—P. [3] of cover. "BNL 34710"—P. [2] of cover.

1. National Synchrotron Light Source (Organization : U.S.) 2. Synchrotron. 3. Synchrotron radiation. I. Klaffky, Roger W. II. Brookhaven National Laboratory. III. United States. Dept. of Energy. OCLC 11732588

85-12416

E 1.34:986/v.1-7

United States. Dept. of Energy.

Congressional budget request. Washington, D.C. : U.S. Dept. of Energy, Office of the Controller : [Supt. of Docs., U.S. G.P.O., distributor, U.S. Dept. of Energy, Assistant Secretary, Management and Administration, Office of the Controller, Washington, D.C., 20585

v. ; 28 cm.

Annual

\$19.00 (v.1) \$16.00 (v.2) \$10.00 (v.3) \$6.00 (v.4) \$10.00 (v.5) \$6.00 (v.6) \$10.00 (v.7) Title from cover. Vols. for 1983 were classed: DOE/MA-0057, v. 1-7: E 1.34: — DOE/MA-0058, v. 1-2: E 1.34/2: — DOE/MA-0059, v. 1-2: E 1.34/3: — DOE/MA-0060, v. 1: E 1.34/4: "DOE/MA-0064/3." FY 1986, v. 1-7. Description based on: FY 1982, v. 1. Contents: v. 1. Atomic energy defense activities — v. 2. Energy supply research and development, nuclear waste fund — v. 3. Energy supply research and development — v. 4. General science and research, uranium enrichment, geothermal resources development fund — v. 5. Power marketing administrations, departmental administration — v. 6. Fossil energy research and development, naval petroleum and oil shale reserves — v. 7. Energy conservation, strategic petroleum reserve, emergency preparedness, energy regulation, energy information administration. Report covers fiscal year 1986. Vols. for FY 1982 issued in 2 sets, the second being a revised edition. Vols. for FY 1983 arranged according to the agencies that were to have assumed the Dept. of Energy's functions: DOE/MA-0057, v. 1-5: U.S. Dept. of Commerce, Energy Research and Technology Administration; DOE/MA-0057, v. 6-7: U.S. Dept. of Commerce; DOE/MA-0058, v. 1-2: U.S. Dept. of the Interior; DOE/MA-0059, v. 1-2: U.S. Dept. of Justice; DOE/MA-0060, v. 1: Federal Energy Regulatory Commission. ●Item 429-T-46 S/N 061-000-00646-0 (v.1) ; 061-000-00647-8 (v.2) ; 061-000-00648-6 (v.3) ; 061-000-00649-4 (v.4) ; 061-000-00650-8 (v.5) ; 061-000-00651-6 (v.6) ; 061-000-00652-4 (v.7) ISSN 0198-0351

1. United States. Dept. of Energy 2. Energy development—United States—Finance—Periodicals. 3. Energy conservation—United States—Finance—Periodicals. I. United States. Dept. of Energy. Office of the Controller. II. Title. HD9502.U5U523a 80-643192 //r81 353.0072/224 OCLC 04837750

## FEDERAL ENERGY REGULATORY COMMISSION

Energy Dept.  
Washington, DC 20426

85-12417

E 2.2:M 58

Water resources appraisal for hydroelectric licensing : middle San Joaquin Valley basin : Fresno, Madera, Mariposa, and Merced Counties, California. — Washington, D.C. : Federal Energy Regulatory Commission, Office of Hydropower Licensing, 1984.

xiii, 129 p. : ill., maps ; 28 cm. Spine title: Middle San Joaquin Valley basin. At head of title: Appraisal report. "September 1984." Includes bibliographical references.

●Item 429-V-4

1. Water resources development—California—San Joaquin Valley. 2. Hydroelectric power plants—Environmental aspects—California—San Joaquin Valley. 3. San Joaquin Valley (Calif.) I. United States. Office of Hydropower Licensing. II. Title: Middle San Joaquin Valley basin. OCLC 11392765

85-12418

E 2.2:P 66

Phase 1A pipeline project : environmental assessment : Algonquin Gas Transmission Company, Texas Eastern Transmission Corporation, Transcontinental Gas Pipe Line Corporation, docket nos. CP82-119-007, CP82-446-003, and CP84-146-001. — Washington, D.C. : Federal Energy Regulatory Commission, Office of Pipeline and Producer Regulation, [1984]

iii, 113 p. : ill., maps ; 28 cm. Cover title. "May 1984." Bibliography: p. 73-72. ●Item 429-V-4

1. Gasoline—Pipe lines—Environmental aspects—United States. I. United States. Federal Energy Regulatory Commission. Office of Pipeline and Producer Regulation. OCLC 11732613

85-12419

E 2.12:0004/2

Status of coal supply contracts for new electric generating units : 1983-1992. — [Washington, D.C.] : Staff Analysis, Office of Electric Power Regulation, Federal Energy Regulatory Commission, [1984]

ii, 44 p. : ill., maps ; 28 cm. "May 1984." ●Item 429-V-1

1. Coal trade—United States. 2. Electric utilities—United States. 3. Electric power-plants—United States—Fuel consumption. I. United States. Office of Electric Power Regulation. OCLC 11110484

## WESTERN AREA POWER ADMINISTRATION

Energy Dept.  
Golden, CO 80401

85-12420

E 6.8:P 69

Schroeder, Mark A.

Technical irrigation pumping plant test procedure manual / authored by Mark A. Schroeder. — 1st ed. — Lincoln, Neb. : Agricultural Engineering Dept., Cooperative Extension Service, Institute of Agriculture and Natural Resources, University of Nebraska-Lincoln, 1984-

1 v. (loose-leaf) : ill., 3 forms ; 28 cm. "Developed in part under contract for the Loveland-Fort Collins Area Office, Western Area Power Administration"—P. [2] of cover. ●Item 430-K-2

1. Irrigation—United States—Handbooks, manuals, etc. 2. Pumping stations—United States—Handbooks, manuals,

## Education Department

etc. I. Nebraska Cooperative Extension Service. Agricultural Engineering Dept. II. United States. Western Area Power Administration. Loveland-Fort Collins Area Office. III. Title. OCLC 11732651

## EDUCATION DEPARTMENT

Washington, DC 20202

85-12421

ED 1.2:G 76/4

Application for grants under the Law-Related Education Program. — Washington, D.C. : U.S. Dept. of Education, Office of Postsecondary Education, [1984?]

1 v. (various pagings) : forms ; 28 cm. Cover title. "OMB no. 1810-0507, Exp. date 10/87, Ed form 740, 10/84." "Closing date: January 30, 1985." "CFDA number 84.123." ●Item 455-B-2

1. Federal aid to education — United States. 2. Grants-in-aid — United States. I. United States. Office of Elementary and Secondary Education. OCLC 11691087

85-12422

ED 1.2:G 76/5

Application for grants under Title VI of the Higher Education Act of 1965, as amended : International Research and Studies Program, CFDA number 84.017. — Washington, D.C. : U.S. Dept. of Education, Office of Postsecondary Education, [1984?]

1 v. (various pagings) : forms ; 28 cm. Cover title. "OMB no. 1840-0068, Exp. date 9/86, Ed form 324-3, 9/84." "Closing date: January 25, 1985-new applications, February 15, 1985-continuation applications." ●Item 455-B-2

1. Federal aid to education — United States. 2. Grants-in-aid — United States. I. United States. Office of Postsecondary Education. OCLC 11691093

85-12423

ED 1.2:G 76/6

Continuation application for grants under Upward Bound Program. — Washington, D.C. : U.S. Dept. of Education, Office of Postsecondary Education, [1984?]

32 p. : forms ; 28 cm. Cover title. "Closing date: January 18, 1985." ●Item 455-B-2

1. Educational equalization — United States. 2. Federal aid to higher education — United States. 3. Education, Higher — United States. I. United States. Office of Postsecondary Education. OCLC 11737824

85-12424

ED 1.2:M 42/v.1

School mathematics : options for the 1990s. — Washington, D.C. : U.S. Dept. of Education, Office of Educational Research and Improvement, 1984-

v. ; 23 cm. "Prepared for the Office of Educational Research and Improvement under contract no. 400-83-0058 with the U.S. Department of Education"—P. ii. "June 1984." Contents: v. 1. Chairman's report of a conference. Bibliography: p. 35-38. ●Item 455-B-2

1. Mathematics — United States. 2. Educational planning — United States. I. United States. Office of Educational Research and Improvement. OCLC 11597285

85-12425

ED 1.2:Sch 6/5

Alcohol and drug abuse prevention. — [Washington, D.C.?] : U.S. Dept. of Education, Alcohol and Drug Abuse Education Program, 1984.

v. 51 p. : ill., 1 map ; 28 cm. Cover title: The school team approach. "August, 1984"—T.p. verso. Bibliography: p. 51. ●Item 455-B-2

1. Youth — United States — Alcohol use. 2. Youth — United States — Drug use. 3. Drug abuse — Study and teaching — United States. I. United States. Dept. of Education. Alcohol and Drug Abuse Education Program. II. Title. III. Title: The school team approach. OCLC 11770369

85-12426

ED 1.2:Sch 6/6

An Overview of the School Team Approach / Alcohol and Drug Abuse Education Program (ADAEP). U.S. Department of Education. — [Washington, DC] : The Program, 1984.

[4] p. : 28 cm. Caption title. ●Item 455-B-2

1. Youth — United States — Alcohol use. 2. Youth — United States — Drug use. 3. Drug abuse — United States — Prevention. I. United States. Dept. of Education. Alcohol and Drug Abuse Education Program. OCLC 11766083

85-12427

ED 1.8:V 85/3

Vocational instructional program advisory committee resource guide / prepared for United States Department of Education, Office of Vocational and Adult Education ; prepared by International Management and Development Institute. — Washington, D.C. : The Office, 1984-

1 v. (loose-leaf) : ill., forms ; 28 cm. "Fall 1984." Includes bibliographies. ●Item 461-B-1

1. Vocational education — United States. I. United States. Office of Vocational and Adult Education. II. International Management and Development Institute. OCLC 11697610

85-12428

ED 1.33:An 1

Phelps, L. Allen, 1948-

An analysis of fiscal policy alternatives for serving special populations in vocational education / L. Allen Phelps. — Columbus, Ohio : The National Center for Research in Vocational Education, The Ohio State University, 1984.

xii, 47 p. : ill. ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 45-47. "Contract number 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational education — United States — Finance. I. National Center for Research in Vocational Education (U.S.) II. United States. Office of Vocational and Adult Education. III. Title. OCLC 11737900

85-12429

ED 1.33:P 75/3

Sheppard, N. Alan.

A policy analysis of professional development and personnel preparation for serving special populations / N. Alan Sheppard. — Columbus, Ohio : National Center for Research in Vocational Education, Ohio State University, 1984.

xii, 46 p. : 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 43-46. "Contract number: 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational education — United States. 2. Vocational rehabilitation — United States. I. National Center for Research in Vocational Education (U.S.) II. United States. Office of Vocational and Adult Education. III. Title. OCLC 11682965

85-12430

ED 1.33:Se 2

Halasz, Ida.

Influences on secondary and postsecondary vocational-technical student time on task / Ida M. Halasz, Karen S. Behm, Marta R. Fisch. — Columbus, Ohio : National Center for Research in Vocational Education, Ohio State University, [1984]

xvi, 142 p. : ill., forms ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. "January 1984." Bibliography: p. 137-142. "Contract number: 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational education—United States. I. Behm, Karen. II. Fisch, Marta R. III. National Center for Research in Vocational Education (U.S.) IV. United States. Office of Vocational and Adult Education. V. Title. OCLC 11682962

85-12431

ED 1.33:Se 2/2

Hughes, Ruth P.

Secondary vocational education : imperative for excellence / Ruth P. Hughes. — Columbus, Ohio : The National Center for Research in Vocational Education, The Ohio State University, 1984.

xii, 40 p. : ill. ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 37-40. "Contract number 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational education—United States. 2. Education, Secondary—United States. I. National Center for Research in Vocational Education (U.S.) II. United States. Office of Vocational and Adult Education. III. Title. OCLC 11737885

85-12432

ED 1.33:So 1

Carnevale, Anthony Patrick.

A society based on work / Anthony Patrick Carnevale. — Columbus, Ohio : National Center for Research in Vocational Education, Ohio State University, 1984.

xi, 117 p. ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 111-117. "Contract number: 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational education—United States. 2. Employment forecasting—United States. I. National Center for Research in Vocational Education (U.S.) II. United States. Office of Vocational and Adult Education. III. Title. OCLC 11682959

85-12433

ED 1.33:St 8

Hamilton, James B.

Strategy for technological update of vocational/ technical teachers / James B. Hamilton, Michael E. Wonacott. — Columbus, Ohio : National Center for Research in Vocational Education, Ohio State University, 1984.

x, 85 p. : ill., 1 form ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 85. "Contract number: 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational teachers—United States. 2. Teachers—In-service training—United States. I. Wonacott, Michael E. II. National Center for Research in Vocational Education

(U.S.) III. United States. Office of Vocational and Adult Education. IV. Title. OCLC 11682967

85-12434

ED 1.33:T 22

Lemons, C. Dale.

Training for a technological world / C. Dale Lemons. — Columbus, Ohio : The National Center for Research in Vocational Education, The Ohio State University, 1984.

xiii, 49 p. : ill. ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 45-49. "Contract number 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational education—United States. 2. Technical education—United States. I. National Center for Research in Vocational Education (U.S.) II. United States. Office of Vocational and Adult Education. III. Title. OCLC 11737859

85-12435

ED 1.33:T 62

Lipson, Joseph I.

Educational technology in voc ed / Joseph I. Lipson. — Columbus, Ohio : The National Center for Research in Vocational Education, The Ohio State University, 1984.

viii, 32 p. ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 31-32. "Contract number 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Technology—Vocational guidance—United States. 2. Vocational education—United States. I. National Center for Research in Vocational Education (U.S.) II. United States. Office of Vocational and Adult Education. III. Title. OCLC 11737845

85-12436

ED 1.33:T 68

Transcripts III technical report / prepared by National Opinion Research Center. — Columbus, Ohio : National Center for Research in Vocational Education, Ohio State University, [1984]

1 v. (various foliations) : ill., forms ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. "January 1984." "Contract number: 300830016"—Leaf ii. ●Item 461-D-6 (microfiche)

1. Vocational education—United States. I. National Opinion Research Center. II. National Center for Research in Vocational Education (U.S.) III. United States. Office of Vocational and Adult Education. OCLC 11682946

85-12437

ED 1.33:V 85

Vocational rehabilitation in employment training / contributors, George Tilson ... [et al.] ; editors, Pamela Finnerty-Fried, Robert N. Ianacone. — Columbus, Ohio : The National Center for Research in Vocational Education, The Ohio State University, 1984.

x, 72 p. : ill. ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 67-72. "Contract number 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational rehabilitation—United States. 2. Vocational education—United States. I. Tilson, George. II. Finnerty-Fried, Pamela. III. Ianacone, Robert N. IV. National Center for Research in Vocational Education (U.S.) V.

**National Center for Education Statistics — Education Dept.**

United States. Office of Vocational and Adult Education.  
OCLC 11737872

85-12438

ED 1.33:V 88

Katz, Douglas S.

Volunteers and voc ed / Douglas S. Katz. — Columbus, Ohio : National Center for Research in Vocational Education, Ohio State University, 1984.

xi, 41 p. : ill., 1 form ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Includes bibliographies. "Contract number: 300830016"—P. ii. ●Item 461-D-6 (microfiche)

1. Vocational education—United States. I. National Center for Research in Vocational Education (U.S.) II. United States. Office of Vocational and Adult Education. III. Title. OCLC 11682974

85-12439

ED 1.33:W 89

Word processing : a guide to program planning / Wilma Jean Alexander ... [et al.]. — Columbus, Ohio : The National Center for Research in Vocational Education, The Ohio State University, 1983.

viii, 75 p. : forms ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Includes bibliographies. "Contract number: 300830016"—T.p. verso. ●Item 461-D-6 (microfiche)

1. Word processing—Study and teaching—United States. 2. Electronic data processing—Study and teaching—United States. I. Alexander, Wilma Jean. II. National Center for Research in Vocational Education (U.S.) III. United States. Office of Vocational and Adult Education. OCLC 11732642

85-12440

ED 1.33:Y 8/3

Copa, George H.

Vocational education and youth employment / George H. Copa. — Columbus, Ohio : The National Center for Research in Vocational Education, The Ohio State University, 1984.

xvii, 82 p. ; 28 cm. "Supported by the Office of Vocational and Adult Education, U.S. Department of Education"—Cover. Distributed to depository libraries in microfiche. Bibliography: p. 75-82. "Contract number: 300830016"—T.p. verso. ●Item 461-D-6 (microfiche)

1. Vocational education—United States. 2. Youth—Employment—United States. I. National Center for Research in Vocational Education (U.S.) II. United States. Office of Vocational and Adult Education. III. Title. OCLC 11732647

85-12441

ED 1.45/2:983-84

ED 1.45/2:984-85

ED 1.45/2:985-86

The Pell grant formula / U.S. Department of Education, Office of Student Financial Assistance. [Washington, D.C. : The Office,

v. ; 28 cm.

Annual 1983-1984; 1984-1985; 1985-86. Description based on: 1983/84. ●Item 455-B-6

1. Student aid—United States—Periodicals. 2. Federal aid to higher education—United States—Periodicals. I. United States. Dept. of Education. Office of Student Financial Assistance. OCLC 10962392

**NATIONAL CENTER FOR EDUCATION  
STATISTICS**

**Education Dept.**

**Hyattsville, MD 20782**

85-12442

ED 1.115:H 53/5

West, Jerry.

A trend study of high school offerings and enrollments : 1972-73 and 1981-92 / Jerry West, Louis Diodato, Nancy Sandberg ; prepared for the National Center for Education Statistics under contract 300-83-0114 (Study A) with the U.S. Department of Education. — Washington, D.C. : The Center : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

iv, 65, 132 p. ; 28 cm. — (Contractor report) "Evaluation Technologies Incorporated." "December 1984." Includes bibliographical references. "NCES 84-224." ●Item 455-F-1 S/N 065-000-00218-3 @ GPO \$7.00

1. High schools—United States—Curricula. I. Diodato, Louis. II. Sandberg, Nancy. III. National Center for Education Statistics. IV. Evaluation Technologies, Inc. V. Title. VI. Series: Contractor report (National Center for Education Statistics) OCLC 11765706

85-12443

ED 1.115:Oe 1

Wagenaar, Theodore C.

Occupational aspirations and intended field of study in college / Theodore C. Wagenaar ; prepared for the National Center for Education Statistics under contract 300-82-0203 with the U.S. Department of Education. — Oxford, Ohio : Miami University, [1984]

ix, 291 p. ; 28 cm. — (Contractor report) "November 1984." Bibliography: p. 283-291. "NCES 84-217." ●Item 455-F-1

1. College students—United States—Attitudes. 2. Degrees, Academic—United States. I. Miami University. II. National Center for Education Statistics. III. Title. IV. Series: Contractor report (National Center for Education Statistics) OCLC 11765828

**NATIONAL INSTITUTE OF EDUCATION**

**Education Dept.**

**Washington, DC 20208**

ERIC documents may be ordered in microfiche or paper copy from the ERIC Document Reproduction Service (EDRS), P.O. Box 190, Arlington, VA 22210. Telephone: (703) 823-0500. To obtain an order form, contact EDRS or consult any issue of *Resources in Education* (RIE).

85-12444

ED 1.308:C 89

Saville-Troike, Muriel, 1936-

A guide to culture in the classroom / by Muriel Saville-Troike. — Rosslyn, Va. : National Clearinghouse for Bilingual Education, 1978 (1980 printing)

viii, 67 p. ; 23 cm. "Published by InterAmerica Research Associates, Inc., pursuant to contract NIE 400-80-0040"—T.p. verso. Bibliography: p. 61-67. ●Item 455-G-4 ISBN 0-8976-3000-

1. Minorities—Education—United States. 2. Intercultural education—United States. 3. Education, Bilingual—United States. I. National Clearinghouse for Bilingual Education. II. InterAmerica Research Associates. III. Title. LC3731.S28 78-061039 371.9/7/0973 OCLC 04375407

85-12445

ED 1.310/2:237340

Tsang, Sau-Lim.

Mathematics learning styles of Chinese immigrant students : final research report / principal investigator, Sau-Lim Tsang. — Oakland, CA : ARC Associates, Inc., [1983]

ii, 125, [4] leaves : ill. : 28 cm. "Performed pursuant to contract no. 400-81-0026 of the National Institute of Education." Distributed to depository libraries in microfiche. "May 31, 1983." Bibliography: p. 103. Stamped on t.p.: ED237340. ●Item 466-A-3 (microfiche) S/N ED 237340 @ Educational Resources Information Center

1. Chinese Americans — Education — United States. 2. Mathematics — United States. I. ARC Associates. II. National Institute of Education (U.S.) III. Title. OCLC 11765723

85-12446

ED 1.310/2:237564

Gray, Peter, 1946-

Needs assessment summary : cost analysis, policy analysis, and other evaluation methods / Peter J. Gray, Jana Kay Smith. — Portland, Or. : Research on Evaluation Program, Northwest Regional Educational Laboratory, [1983]

29 p. : forms ; 28 cm. — (Paper and report series ; no. 81) "Performed pursuant to contract no. 400-80-0105 of the National Institute of Education"—T.p. verso. Distributed to depository libraries in microfiche. "March 1983." Stamped on cover: ED237564. ●Item 466-A-3 (microfiche) S/N ED 237564 @ Educational Resources Information Center

1. Northwest Regional Educational Laboratory. 2. Teachers, Training of — United States. 3. Cost effectiveness. I. Smith, Jana Kay. II. Research on Evaluation Program (Northwest Regional Educational Laboratory) III. National Institute of Education (U.S.) IV. Title. V. Series: Paper and report series (Research on Evaluation Program (Northwest Regional Educational Laboratory)) ; no. 81. OCLC 11769730

85-12447

ED 1.310/2:237714

Myer, Donna Foster.

An instructor resource guide for teaching a course in health promotion seminar / developed for the U.S. Department of Education, Office of Vocational and Adult Education ; developed by the Paraprofessional Rurally Oriented Family Home Health Training Program, the Division of Natural Sciences, the Baptist College at Charleston ; author, Donna Foster Myer. — Charleston, S.C. : The Program, 1983.

iv, 101 p. : 1 ill. ; 28 cm. "Part of a series of materials developed to support an associate degree in rural health promotion." Cover title: Appendix to a final report on the paraprofessional rurally oriented family home health training program. Distributed to depository libraries in microfiche. Bibliography: p. 29-30. Stamped on cover: ED237714. ●Item 466-A-3 (microfiche) S/N ED 237714 @ Educational Resources Information Center

1. Rural families — Health and hygiene. 2. Health. I. Baptist College at Charleston. Paraprofessional Rurally Oriented Family Home Health Training Program. II. United States. Office of Vocational and Adult Education. III. Title. IV. Title: Health promotion seminar. OCLC 11691441

85-12448

ED 1.310/2:238126

Huff, Anne S.

Issue management by school superintendents : final report on grant no. G-80-0152 / Anne S. Huff and Louis R. Pondy. — Champaign, IL : Dept. of Business Administration, University of Illinois, [1983]

2 v. : 28 cm. Cover title. "National Institute of Education." Distributed to depository libraries in microfiche. Includes bibliographies. Contents: pt. 2. Project papers to date. Stamped on t.p.: ED238126. ●Item 466-A-3 (microfiche) S/N ED 238126 @ Educational Resources Information Center

1. School management and organization — United States. I. Pondy, Louis R. II. University of Illinois at Urbana-Champaign. III. National Institute of Education (U.S.) IV. Title. OCLC 11627556

85-12449

ED 1.310/2:238249

Final report on ESL instruction for adult immigrants from North & Central America / prepared by Spanish Speaking Community of Maryland, Inc. — [Silver Spring, Md.] : The Community, [1983]

37, [11] leaves : forms ; 28 cm. "Office of Vocational and Adult Education (ED)"—Doc. resume. Distributed to depository libraries in microfiche. "3/31/83." "Contract #300-81-0379." Stamped on t.p.: ED238249. ●Item 466-A-3 (microfiche) S/N ED 238249 @ Educational Resources Information Center

1. English language — Study and teaching — Maryland — Spanish speakers. 2. Hispanic Americans — Employment — Maryland. I. Spanish Speaking Community of Maryland, Inc. II. United States. Office of Vocational and Adult Education. OCLC 11732190

85-12450

ED 1.310/2:238252

Final report of the Haitian/English language project / submitted to Charles Blum ; submitted by the Experiment in International Living and ACCESS, Inc. — Brattleboro, Vt. : The Experiment in International Living ; Bethesda, Md. : ACCESS, Inc., [1982]

99 leaves : 1 ill. ; 28 cm. "Spons. agency: Office of Vocational and Adult Education"—Doc. resume p. Distributed to depository libraries in microfiche. "April 23, 1982." Stamped on t.p.: ED238252. ●Item 466-A-3 (microfiche) S/N ED 238252 @ Educational Resources Information Center

1. English language — Study and teaching — Massachusetts — Foreign speakers. 2. English language — Study and teaching — Louisiana — Foreign speakers. 3. Haitians — Massachusetts. 4. Haitians — Louisiana. I. Blum, Charles. II. Experiment in International Living. III. ACCESS, Inc. IV. United States. Office of Vocational and Adult Education. OCLC 11691436

85-12451

ED 1.310/2:239098

Vocational Education and Defense Preparedness Seminar (1982 : Arlington, Va.)

Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 / with the cooperation of the American Vocational Association. — [Washington, D.C.] : U.S. Dept. of Defense : U.S. Dept. of Education, [1982]

iii, 72 leaves ; 28 cm. Cover title. Distributed to depository libraries in microfiche. Stamped on t.p.: ED239098. ●Item 466-A-3 (microfiche) S/N ED 239098 @ Educational Resources Information Center

1. Vocational education — United States — Congresses. 2. Civil defense — Congresses. 3. Soldiers — Education, Non-military — United States — Congresses. I. American Vocational Association. II. United States. Dept. of Defense. III. United States. Dept. of Education. IV. Title. OCLC 11769764

# National Institute of Education — Education Dept.

85-12452

ED 1.310/2:239235

McConkie, George W.

Instrumentation considerations in research involving eye-movement contingent stimulus control / George W. McConkie, Gary S. Wolverton and David Zola. — Champaign, Ill. : University of Illinois at Urbana-Champaign ; Cambridge, Mass. : Bolt Beranek and Newman Inc., [1984]

20 leaves ; 28 cm. — (Technical report ; no. 305) At head of title: Center for the Study of Reading. "Supported by grant MH 32884 from the National Institute of Mental Health to George McConkie and the National Institute of Education contract no. HEW-NIE-C-400-76-0116 to the Center for the Study of Reading." Distributed to depository libraries in microfiche. "January 1984." Bibliography: leaves 19-20. Stamped on t.p.: ED239235. ●Item 466-A-3 (microfiche) S/N ED 239235 @ Educational Resources Information Center

1. Reading — United States. 2. Visual perception — Testing. I. Wolverton, Gary S. II. Zola, David. III. University of Illinois at Urbana-Champaign. Center for the Study of Reading. IV. Bolt, Beranek, and Newman inc. V. National Institute of Mental Health (U.S.) VI. National Institute of Education (U.S.) VII. Title. VIII. Series: Technical report (University of Illinois at Urbana-Champaign. Center for the Study of Reading) ; no. 305. OCLC 11765900

85-12453

ED 1.310/2:239292

White, Edward M. (Edward Michael), 1933-

Research in effective teaching of writing : phase I : final report / Edward M. White, Linda G. Polin. — Aug. 1982, Rev. May 1983. — [Los Angeles, Calif.] : The California State University Foundation, [1983]

v. ; 28 cm. "National Inst. of Education"—Doc. resume. Distributed to depository libraries in microfiche. "NIE-G-81-0011." Stamped on cover: ED239292. ●Item 466-A-3 (microfiche) S/N ED 239292 @ Educational Resources Information Center

1. Creative writing (Higher education) I. Polin, Linda G. II. California State University Foundation. III. National Institute of Education (U.S.) IV. Title. OCLC 11765914

85-12454

ED 1.310/2:239431

Starter : a notebook for new teachers. — Raleigh, N.C. : Dept. of Public Instruction, Division for Exceptional Children, [1982]

[I], iii, 320 p. : forms ; 28 cm. Cover title. "Spons agency: Office of Special Education and Rehabilitative Services"—Doc. resume p. Distributed to depository libraries in microfiche. "March 1982." Includes bibliographies. Stamped on t.p.: ED239431. ●Item 466-A-3 (microfiche) S/N ED 239431 @ Educational Resources Information Center

1. First year teachers — Handbooks, manuals, etc. 2. Exceptional children — Education — Handbooks, manuals, etc. I. North Carolina. Division for Exceptional Children. II. United States. Office of Special Education and Rehabilitative Services. OCLC 11596048

85-12455

ED 1.310/2:239447

Teaching severely handicapped students to perform meaningful work in nonsheltered vocational environments : draft / Lou Brown ... [et al.]. — [Madison, Wis.] : University of Wisconsin : Madison Metropolitan School District, [1983]

[I], 96 p. : ill. ; 28 cm. Caption title. "Supported by grant no. G008102099 to the University of Wisconsin from the Department of Education, Special Education Programs,

Division of Personnel Preparation ; and by grant no. 6008302977 to the University of Wisconsin and to the Madison Metropolitan School District from the Department of Education, Special Education Programs, Division for Innovation and Development"—P. [i] Distributed to depository libraries in microfiche. "October 1, 1983." Bibliography: p. 92-97. Stamped on t.p.: ED239447. ●Item 466-A-3 (microfiche) S/N ED 239447 @ Educational Resources Information Center

1. Vocational rehabilitation — United States. 2. Handicapped — Employment — United States. I. Brown, Lou, 1939-. II. University of Wisconsin. III. Madison Metropolitan School District. IV. Special Education Programs (U.S.). Division of Personnel Preparation. V. United States. Office of Special Education and Rehabilitative Services. Division of Innovation and Development. OCLC 11750263

85-12456

ED 1.310/2:239469

Heuristic methods for the mildly handicapped : research report and manual for teaching language arts and reading. — [Las Cruces, N.M.] : Heuristic Learning Project, New Mexico State University, Dept. of Educational Specialties, Special Education Component, [1983?]

44 leaves : ill. ; 28 cm. "U.S. Dept. of Education Project no. 023CH10083." Distributed to depository libraries in microfiche. Bibliography: p. 33-35. Stamped on cover: ED239469. ●Item 466-A-3 (microfiche) S/N ED 239469 @ Educational Resources Information Center

1. Handicapped — Education — United States. 2. Language arts — United States. 3. Reading — United States. I. New Mexico State University. Dept. of Educational Specialties. Special Education Component. II. Title. OCLC 11765684

85-12457

ED 1.310/2:239542

The American freshman : national norms for fall 1983 / prepared by the staff of the Cooperative Institutional Research Program. — Los Angeles, Calif. : Higher Education Research Institute, Graduate School of Education, University of California, Los Angeles, [1983]

159, 16 p. : ill., forms ; 28 cm. "Spons agency, Department of Education"—Doc. resume. Distributed to depository libraries in microfiche. "December 1983." Includes bibliographies. "Contract, 300-81-0245"—Doc. resume. Stamped on t.p.: ED239542. ●Item 466-A-3 (microfiche) S/N ED 239542 @ Educational Resources Information Center

1. College freshmen — United States — Statistics. I. Cooperative Institutional Research Program (U.S.) II. Higher Education Research Institute (Los Angeles, Calif.) III. United States. Dept. of Education. OCLC 11750310

85-12458

ED 1.310/2:239556

Mentkowski, Marcia.

Careering after college : establishing the validity of abilities learned in college for later career and professional performance : final report to the National Institute of Education : overview and summary / Marcia Mentkowski, Austin Doherty. — Milwaukee, Wis. : Alverno College, c1983-

1 v. (loose-leaf) : ill. ; 28 cm. Cover title. Distributed to depository libraries in microfiche. "May 1983"—Doc. resume. Includes bibliographies. "NIE-G-77-0058." Stamped on t.p.: ED239556. ●Item 466-A-3 (microfiche) S/N ED 239556 @ Educational Resources Information Center.

1. Universities and colleges — United States — Alumni. 2. Universities and colleges — United States — Curricula. 3. Education, Humanistic — United States. I. Doherty, Mary Austin. II. National Institute of Education (U.S.) III. Alverno College. IV. Title. OCLC 11769795

85-12459

ED 1.310/2:239564

Mentkowski, Marcia.

Careering after college : perspectives on lifelong learning and career development / Marcia Mentkowski, Nancy Much, Laura Giencke-Holl. — Milwaukee, Wisc. : Office of Research & Evaluation, Alverno College, 1983.

1 v. (loose-leaf) : forms ; 28 cm. — (Research report ; no. 8) Cover title. "Funded by a grant from the National Institute of Education ... (NIE-G-77-0058)" Distributed to depository libraries in microfiche. Bibliography: p. 83. Stamped on t.p.: ED239564. ●Item 466-A-3 (microfiche) S/N ED 239564 @ Educational Resources Information Center

1. Career education. I. Much, Nancy C., 1948- II. Giencke-Holl, Laura. III. Alverno College. Office of Research & Evaluation. IV. National Institute of Education (U.S.) V. Title. VI. Series: Research report (Alverno College. Office of Research & Evaluation) ; no. 8. OCLC 11697597

85-12460

ED 1.310/2:239569

Crosson, Patricia H.

Public service in higher education : practices and priorities / by Patricia H. Crosson ; prepared by ERIC Clearinghouse on Higher Education, the George Washington University. — [Washington, D.C.] : Association for the Study of Higher Education, 1983.

130 p. : ill. ; 23 cm. — (ASHE-ERIC higher education research report ; no. 7, 1983) "Prepared with funding from the National Institute of Education, U.S. Department of Education, under contract no. 400-80-0011"—T.p. verso. Distributed to depository libraries in microfiche. Bibliography: p. 115-127. Stamped on label on cover: ED239569. ●Item 466-A-3 (microfiche) S/N ED 239569 @ Educational Resources Information Center ISBN 0-9133-1706-

1. Community and college — United States. 2. Education, Higher — United States. I. ERIC Clearinghouse on Higher Education. II. Association for the Study of Higher Education. III. National Institute of Education (U.S.) IV. Title. V. Series: ASHE-ERIC/higher education research report ; 1983, no. 7. OCLC 10616041

85-12461

ED 1.310/2:239605

Levine, Janice Resnick.

Microcomputers in elementary and secondary education : a guide to the resources / by Janice Resnick Levine. — Syracuse, N.Y. : ERIC Clearinghouse on Information Resources, Syracuse University, [1983]

64 p. ; 23 cm. "Prepared with funding from the National Institute of Education, U.S. Department of Education, under contract no. NIE-400-82-0001"—T.p. verso. Distributed to depository libraries in microfiche. "August 1983." Includes bibliographical references. Stamped on label on cover: ED239605. ●Item 466-A-3 (microfiche) S/N ED 239605 @ Educational Resources Information Center

1. Computer-assisted instruction — United States. I. ERIC Clearinghouse on Information Resources. II. National Institute of Education (U.S.) III. Title. OCLC 10946472

85-12462

ED 1.310/2:239606

Weaver, Dave.

MicroSIFT courseware evaluations / Dave Weaver. — Portland, Oreg. : Northwest Regional Educational Laboratory, 1984-

v. ; 28 cm. "National Inst. of Education (ED)"—Doc. resume. Distributed to depository libraries in microfiche. Contents: Set 9. 169-198. Includes indexes. "Contract: 400-83-0005"—Doc. resume. Stamped on t.p.: ED239606. ●Item 466-A-3 (microfiche) S/N ED 239606 @ Educational Resources and Information Center.

1. Computer-assisted instruction — Computer programs — Evaluation. 2. Computer managed instruction — Computer programs — Evaluation. I. Northwest Regional Educational Laboratory. II. National Institute of Education (U.S.) III. Title. OCLC 10455073

85-12463

ED 1.310/2:239804

Greenbaum, Paul.

Nonverbal communications between American Indian children and their teachers : final report / submitted by Paul Greenbaum. — Lawrence, Kan. : Native American Research Associates, [1983]

32 leaves ; 28 cm. Running title: Nonverbal differences. "National Inst. of Education"—Doc. resume. Distributed to depository libraries in microfiche. "Fall 1983." Bibliography: leaves 26-32. "NIE grant G-81-0117." Stamped on t.p.: ED239804. ●Item 466-A-3 (microfiche) S/N ED 239804 @ Educational Resources Information Center

1. Indians of North America — Children — Education. 2. Nonverbal communication in education — United States. I. Native American Research Associates. II. National Institute of Education (U.S.) III. Title. OCLC 11664191

85-12464

ED 1.310/2:239815

Kleinfeld, Judith.

Making good boys better : nonformal education in Boy Scouts / by Judith Kleinfeld and Anne Shinkwin. — Fairbanks, AK : Institute of Social and Economic Research, University of Alaska, [1983]

47 leaves ; 28 cm. "Supported by the National Institute of Education under research grant NIE-G-79-0153" Distributed to depository libraries in microfiche. "October 1983." Bibliography: leaves 46-47. Stamped on t.p.: ED239815. ●Item 466-A-3 (microfiche) S/N ED 239815 @ Educational Resources Information Center

1. Boy Scouts. 2. Scouts and scouting — United States. I. Shinkwin, Anne D. II. University of Alaska, Fairbanks. Institute of Social and Economic Research. III. National Institute of Education (U.S.) IV. Title. OCLC 11664172

85-12465

ED 1.310/2:240064

Golladay, Mary A.

Graduate study in education : an analysis of institutions and degree awards, 1971 to 1981 / Mary A. Golladay. — [Washington, DC] : U.S. Dept. of Education, Office of Educational Research and Improvement, National Center for Education Statistics, [1983]

14, [12] leaves ; 28 cm. "Prepared for presentation to the Annual Meeting of the American Educational Research Association, Montreal, Canada, April 11-15, 1983." Distributed to depository libraries in microfiche. Includes bibliographical references. Stamped on t.p.: ED240064. ●Item 466-A-3 (microfiche) S/N ED 240064 @ Educational Resources Information Center

# National Institute of Education — Education Dept.

1. Education — United States — Graduate work. 2. Education, Higher — United States. I. National Center for Education Statistics. II. Title. OCLC 11664202

85-12466

ED 1.310/2:240072

Ponzio, Richard.

A collaborative model to identify and implement applications of research on effective teaching to preservice/inservice teacher education / Richard Ponzio. — San Francisco, Calif. : Far West Laboratory for Educational Research and Development, [1984]

23, [1] leaves : ill. ; 28 cm. "Paper presented at the American Association of Colleges for Teacher Education Annual Meeting, San Antonio, Texas, February 1-4, 1984." "Carried out with the Far West Laboratory for Educational Research and Development, San Francisco, under contract 400-83-003 from the National Institute of Education, Department of Education." Distributed to depository libraries in microfiche. Bibliography: leaf [24] Stamped on t.p.: ED240072. ●Item 466-A-3 (microfiche) S/N ED 240072 @ Educational Resources Information Center

1. Teachers — Training of — United States. 2. Teachers — In-service training — United States. I. Far West Laboratory for Educational Research and Development. II. National Institute of Education (U.S.) III. Title. OCLC 11691252

85-12467

ED 1.310/2:240073

Driscoll, Amy.

Applying research to teacher education : the University of Utah's collaborative approach, first year preliminary report / Amy Driscoll. — San Francisco, Calif. : Far West Laboratory for Educational Research and Development, [1984]

35, [24] leaves : forms ; 28 cm. "Paper presented at the annual meeting of the American Association of Colleges of Teacher Education, San Antonio, Texas, February 1984." "Carried out with the Far West Laboratory for Educational Research and Development, San Francisco, under contract 400-83-003 from the National Institute of Education, Department of Education." Distributed to depository libraries in microfiche. Includes bibliographies. Stamped on t.p.: ED240073. ●Item 466-A-3 (microfiche) S/N ED 240073 @ Educational Resources Information Center

1. Teachers — Training of — United States. 2. Teachers — In-service training — United States. I. Far West Laboratory for Educational Research and Development. II. National Institute of Education (U.S.) III. Title. OCLC 11691262

85-12468

ED 1.310/2:240178

Gunther, Vicki.

A comparison of bilingual oral language and reading skills among limited English-speaking students from Spanish-speaking backgrounds / by Vicki Gunther. — Reston, Va. : Latino Institute, Research Division, c1980.

vii, 111, 12 p. ; 22 cm. — (Monograph series/Latino Institute ; 2) "Prepared with funding from the National Institute of Education, U.S. Department of Education, under grant number NIE-G-79-0069." Distributed to depository libraries in microfiche. Bibliography: p. B-1 - B-12. Stamped on cover: ED240178. ●Item 466-A-3 (microfiche) S/N ED 240178 @ Educational Resources Information Center

1. Education, Bilingual — United States. 2. Mexican American children — Education. I. Latino Institute (Reston, Va.). Research Division. II. National Institute of Education (U.S.) III. Title. IV. Series: Monograph series (Latino Institute (Reston, Va.)) ; 2. OCLC 10240960

85-12469

ED 1.310/2:240190

Scott, Marie.

Collaborative for Alabama Urban School Educators : final report / by Marie Scott and R. Meade Guy. — Montgomery, Ala. : Office of Research, Division of Legislative Relations and Research, Alabama Department of Education, [1983]

120 leaves : forms ; 28 cm. "Spons agency, National Inst. of Education"—Doc. resume. Distributed to depository libraries in microfiche. "August 1983." "Contract number 400-81-0008." Stamped on t.p.: ED240190. ●Item 466-A-3 (microfiche) S/N ED 240190 @ Educational Resources Information Center

1. Education — Information services — United States. 2. Communication in education — United States. I. Guy, R. Meade. II. Alabama. Dept. of Education. Office of Research. III. National Institute of Education (U.S.) IV. Title. OCLC 11697625

85-12470

ED 1.310/2:240199

Collier, Malcolm.

Nonverbal factors in the education of Chinese American children : a film study / by Malcolm Collier. — [San Francisco, Calif.] : Asian American Studies, San Francisco State University, 1983.

43 leaves : ill. ; 28 cm. "A report on research conducted with the assistance of National Institute of Education grant NIE-G-81-0115." Distributed to depository libraries in microfiche. Bibliography: leaves 42-43. Stamped on t.p.: ED240199. ●Item 466-A-3 (microfiche) S/N ED 240199 @ Educational Resources Information Center

1. Nonverbal communication in education — United States. 2. Chinese Americans — Education — United States. I. San Francisco State University. II. National Institute of Education (U.S.) III. Title. OCLC 11697618

85-12471

ED 1.310/2:240202

Kyle, Regina M. J.

Kaleidoscopes : emerging patterns of response and action in ECIA case studies of Chapter 2 in selected states / Regina M.J. Kyle. — [San Francisco, Calif.] : E. H. White and Company, [1983]

46, [1] leaves : ill. ; 28 cm. "Undertaken by the Education Policy and Organization Program of the National Institute of Education"—P. 1. Distributed to depository libraries in microfiche. "July 11, 1983." Bibliography: p. [47] "Contract 400-81-0004"—Doc. resume. Stamped on t.p.: ED240202. ●Item 466-A-3 (microfiche) S/N ED 240202 @ Educational Resources Information Center

1. Federal aid to education — United States. I. E.H. White Company. II. Program on Educational Policy and Organization (U.S.) III. Title. OCLC 11664213

85-12472

ED 1.310/2:241349

Suydam, Marilyn N.

Research on mathematics education reported in 1983 / Marilyn N. Suydam. — Columbus, Ohio : ERIC Clearinghouse for Science, Mathematics, and Environmental Education, [1984]

[71], 21 leaves : 28 cm. "National Inst. of Education"—Doc. resume. Distributed to depository libraries in microfiche. "April, 1984." Includes index. "Contract 400-78-0004"—Doc. resume. Stamped on t.p.: ED241349. ●Item 466-A-3 (microfiche) S/N ED 241349 @ Educational Resources Information Center

I. Mathematics—United States—Bibliography. I. ERIC Clearinghouse for Science, Mathematics, and Environmental Education. II. National Institute of Education (U.S.) III. Title. OCLC 11750328

85-12473

ED 1.310/2:241494

Buchmann, Margret.

The use of research knowledge in teacher education and teaching / Margret Buchmann. — East Lansing, Mich. : Institute for Research on Teaching, Michigan State University, [1983]

25 leaves ; 28 cm. — (Occasional paper ; no. 71) "National Institute of Education. (Contract no. 400-81-0014)" Distributed to depository libraries in microfiche. "December 1983." Bibliography: leaves 23-25. Stamped on cover: ED241494. ●Item 466-A-3 (microfiche) S/N ED 241494 @ Educational Resources Information Center

1. Decision-making. 2. Teachers—Training of—United States. I. Michigan State University. Institute for Research on Teaching. II. National Institute of Education (U.S.) III. Title. IV. Series: Occasional paper (Michigan State University. Institute for Research on Teaching) ; no. 71. OCLC 11750406

85-12474

ED 1.310/2:241495

Yinger, Robert J.

Self-reports of teacher judgment / Robert J. Yinger and Christopher M. Clark. — East Lansing, Mich. : Institute for Research on Teaching, Michigan State University, [1983]

24 leaves ; 28 cm. — (Research series ; no. 134) "National Institute of Education. (Contract no. 400-81-0014)" Distributed to depository libraries in microfiche. "July 1983." Bibliography: leaves 22-24. Stamped on cover: ED241495. ●Item 466-A-3 (microfiche) S/N ED 241495 @ Educational Resources Information Center

1. Judgment. 2. Teachers—United States—Attitudes. I. Clark, Christopher M. II. Michigan State University. Institute for Research on Teaching. III. National Institute of Education (U.S.) IV. Title. V. Series: Research series (Michigan State University. Institute for Research on Teaching) ; no. 134. OCLC 11750398

85-12475

ED 1.310/2:241501

Stallings, Jane.

Developer/demonstration project : a program to train apprentices to lead inservice workshops for secondary teachers of basic skills : final report / Jane A. Stallings ; prepared for Department of Health, Education, and Welfare, National Institute of Education. — Washington, D.C. : The Institute, [1981]

v, 84 p. : 1 ill., 1 form ; 28 cm. Distributed to depository libraries in microfiche. "September 30, 1981." Bibliography: p. 37. Stamped on t.p.: ED241501. ●Item 466-A-3 (microfiche) S/N ED 241501 @ Educational Resources Information Center

1. Teachers—In-service training. I. National Institute of Education (U.S.) II. Title. OCLC 11691419

85-12476

ED 1.310/2:241502

Blumenfeld, Phyllis.

Socialization into the student role : final report / Phyllis C. Blumenfeld & V. Lee Hamilton. — [Washington, DC : National Institute of Education, 1981?]

88, [27] p., [49] leaves ; 28 cm. "Supported in part by grant number NIE-G-78-0190, from the National Institute of Education." Includes a published version of the study, entitled Teacher talk and student thought: Socialization into the

student role. Distributed to depository libraries in microfiche. Includes bibliographies. Stamped on t.p.: ED241502.

●Item 466-A-3 (microfiche) S/N ED 241502 @ Educational Resources Information Center

1. School children. 2. Socialization. I. Hamilton, V. Lee. II. National Institute of Education (U.S.) III. Title. OCLC 11691472

85-12477

ED 1.310/2:241671

School desegregation and black achievement. — [Washington, D.C. : U.S. Dept. of Education, Office of Educational Research and Improvement, National Institute of Education, 1984]

224 p. : ill. ; 28 cm. Distributed to depository libraries in microfiche. "May 1984"—1st prelim. p. Includes bibliographies. Stamped on t.p.: ED241671 ●Item 466-A-3 (microfiche) S/N ED 241671 @ Educational Resources Information Center

1. Afro-Americans—Education—Evaluation. 2. School integration—United States. I. National Institute of Education (U.S.) II. Title. OCLC 11042133

## ENVIRONMENTAL PROTECTION AGENCY

Washington, DC 20460

85-12478

EP 1.2:An 2/984

What to do before and after the auditors arrive. — Washington, DC : U.S. Environmental Protection Agency, Office of Inspector General, 1984.

1 folded sheet (6 p.) : ill. ; 23 x 11 cm. "December 1984."

●Item 431-I-1

1. Auditing. I. United States. Environmental Protection Agency. Office of the Inspector General. OCLC 11750621

85-12479

EP 1.2:H 33/10

Hazardous waste sites : descriptions of 244 sites on proposed update #2 to national priorities list, October 1984. — [Washington, D.C.?] : U.S. Environmental Protection Agency, [1984]

iv, 269 p. ; 28 cm. Cover title. Spine title: 244 site descriptions, NPL proposed update #2, October 1984. "October 1984." "HW-8.4." ●Item 431-I-1

1. Hazardous waste sites—United States. 2. Waste disposal sites—United States. I. United States. Environmental Protection Agency. II. Title: 244 site descriptions, NPL proposed update #2. OCLC 11658526

85-12480

EP 1.2:L 46/12

McWhorter, David B.

Leaching and selected hydraulic properties of processed oil shales / David B. McWhorter and Victor A. Nazareth. — Cincinnati, OH : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

7 p. : ill. ; 28 cm. Caption title. At head of title: Environmental research brief. "Oct. 1984." Includes bibliographical references. "EPA-600/D-84-228." ●Item 431-I-1

1. Oil-shales—United States. 2. Hydraulics. I. Nazareth, Victor A. II. Industrial Environmental Research Laboratory (Cincinnati, Ohio) III. Title. OCLC 11770335

85-12481

EP 1.2:Oc 1

Occupational health and safety program. — Washington, D.C. : U.S. Environmental Protection Agency, Occupational Health and Safety Staff, [1984?]

[26] p. : ill. ; 22 x 28 cm. Cover title. ●Item 431-I-1

## Environmental Protection Agency

1. Industrial safety—United States. 2. Industrial hygiene—United States. I. United States. Environmental Protection Agency. Occupational Health and Safety Staff. OCLC 11770328

85-12482

EP 1.2:T 66/16

Toxic chemicals : what they are, how they affect you. — Chicago, Ill. : Environmental Protection Agency, Office of Public Affairs, Region 5, [1984?]

3 p. ; 28 cm. Caption title. ●Item 431-I-1

1. Pollution—United States. 2. Contamination (Technology) I. United States. Environmental Protection Agency. Region V. OCLC 11737930

85-12483

EP 1.8:Q 2/v.1-3

Quality assurance handbook for air pollution measurement systems. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Office of Research and Development, Quality Assurance Division, Environmental Monitoring Systems Laboratory, 1985-

v. : ill., forms ; 28 cm. Vol. I prepared by Quality Assurance Division of Environmental Protection Agency in cooperation with PEDCO-Environmental, Inc. Vol. I rev. Jan. 9, 1984; Vol. II rev. Dec. 30, 1981; Vol. III rev. Jan. 4, 1982. Dec. 1984 (Vols. I-III). Includes bibliographies. Contents: v. I. Principles — v. 2. Ambient air specific methods — v. 3. Stationary source specific methods. "EPA-600/9-76-005"—Vol. I. "EPA-600/4-77-027 a-b"—Vols. II-III. ●Item 431-K (v. 1-3)

1. Air—Pollution—United States—Measurement—Handbooks, manuals, etc. I. Environmental Monitoring Systems Laboratory (Research Triangle Park, N.C.) II. United States. Environmental Protection Agency. Quality Assurance Division. III. Pedco Environmental, inc. OCLC 11653434

85-12484

EP 1.23/4:600/1-84-004

Dufour, Alfred P.

Health effects criteria for fresh recreational waters / by Alfred P. Dufour. — Research Triangle Park, NC : Health Effects Research Laboratory, Office of Research and Development, U.S. Environmental Protection Agency, [1984]

viii, 33 p. : ill. ; 24 cm. Distributed to depository libraries in microfiche. "August 1984." Includes bibliographical references. "EPA-600/1-84-004." ●Item 431-I-23 (microfiche)

1. Water quality management—United States. I. Health Effects Research Laboratory (Research Triangle Park, N.C.) II. Title. OCLC 11765990

85-12485

EP 1.23/8:600/9-84-016

Fowle, John R.

Workshop proceedings : approaches for improving the assessment of human genetic risk : human biomonitoring, December 13-15, 1982, Washington, DC / by John R. Fowle. — Washington, DC : U.S. Environmental Protection Agency, Office of Health and Environmental Assessment, [1984]

viii, 48 p. : ill. ; 28 cm. "Sponsored by the U.S. Environmental Protection Agency in cooperation with the Department of Energy/Brookhaven National Laboratory and the Council for Research Planning in Biological Sciences under interagency agreement no. AD89F2A165." Distributed to depository libraries in microfiche. "August 1984." Bibliography: p. 40-48. "EPA-600/9-84-016." ●Item 431-I-62 (microfiche)

1. Human genetics. I. United States. Environmental Protection Agency. Office of Health and Environmental Assessment. II. Brookhaven National Laboratory. III. Council for Research Planning in Biological Sciences. IV. Title. V.

Title: Approaches for improving the assessment of human genetic risk, human biomonitoring, December 13-15, 1982, Washington, DC. OCLC 11766057

85-12486

EP 1.89/2:P 94

Teratology and postnatal studies in rats of the propylene glycol butyl ether and isooctyl esters of 2,4-dichlorophenoxyacetic acid / Timothy M. Unger ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Health Effects Research Laboratory, 1981.

3 p. ; 28 cm. Caption title. At head of title: Project summary. "May 1981." "EPA-600/S1-81-035." ●Item 431-L-12

1. Herbicides—Toxicology. 2. Abnormalities (Animals) I. Unger, Timothy M. II. Health Effects Research Laboratory (Research Triangle Park, N.C.) OCLC 11770350

85-12487

EP 1.89/2:600/S 2-84-069

DeWalle, Foppe B.

Removal of giardia lamblia cysts by drinking water treatment plants / Foppe B. DeWalle, Jogeir Engeset, and William Lawrence. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory, 1984.

6 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "May 1984." "EPA-600/S2-84-069." ●Item 431-L-12 (microfiche)

1. Drinking water—United States. 2. Water treatment plants—United States. I. Engeset, Jogeir. II. Lawrence, William. III. Municipal Environmental Research Laboratory. IV. Title. OCLC 11738127

85-12488

EP 1.89/2:600/S 2-84-075

Effects of sewage sludge on corn silage and animal products / R.H. Dowdy ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory, 1984.

4 p. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "May 1984." "EPA-600/S2-84-075." ●Item 431-L-12 (microfiche)

1. Sewage sludge—Environmental aspects—United States. I. Dowdy, R. H. II. Municipal Environmental Research Laboratory. OCLC 11738311

85-12489

EP 1.89/2:600/S 2-84-083

Schleppenbach, Frank X.

Water filtration at Duluth / Frank X. Schleppenbach. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory, 1984.

3 p. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "May 1984." "EPA-600/S2-84-083." ●Item 431-L-12 (microfiche)

1. Water—Purification—Filtration. I. Municipal Environmental Research Laboratory. II. Title. OCLC 11738330

85-12490

EP 1.89/2:600/S 2-84-106

Design information on rotating biological contactors / Richard C. Brenner ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory, 1984.

7 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche.

"July 1984." "EPA-600/S2-84-106." ●Item 431-L-12 (microfiche)

1. Sewage disposal plants—United States—Equipment and supplies. I. Brenner, Richard C. II. Municipal Environmental Research Laboratory. OCLC 11738204

85-12491

EP 1.89/2:600/S 2-84-121

Nielsen, David.

Methods for determining the mechanical integrity of class II injection wells / David M. Nielsen and Linda Aller. — Ada, OK : U.S. Environmental Protection Agency, Robert S. Kerr Environmental Research Laboratory, 1984.

3 p. : 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S2-84-121." ●Item 431-L-12 (microfiche)

1. Wells—Environmental aspects—United States. I. Aller, Linda. II. Robert S. Kerr Environmental Research Laboratory. III. Title. OCLC 11673592

85-12492

EP 1.89/2:600/S 2-84-124

Wigh, Richard J.

Comparison of leachate characteristics from selected municipal solid waste test cells / Richard J. Wigh. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory, 1984.

3 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S2-84-124." ●Item 431-L-12 (microfiche)

1. Waste disposal in the ground—Environmental aspects—Kentucky—Boone County. 2. Soils—Kentucky—Boone County—Leaching. I. Municipal Environmental Research Laboratory. II. Title. OCLC 11673722

85-12493

EP 1.89/2:600/S 2-84-133

Brown, Chris W.

In situ analysis of corrosive and passive surfaces by laser-excited Raman spectroscopy / Chris W. Brown. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory, 1984.

3 p. : 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S2-84-133." ●Item 431-L-12 (microfiche)

1. Water-pipes. 2. Pipes, Deposits in. 3. Raman spectroscopy. I. Municipal Environmental Research Laboratory. II. Title. OCLC 11673784

85-12494

EP 1.89/2:600/S 2-84-135

Brown, Kenneth Warren, 1939-

Use of short-term bioassays to evaluate environmental impact of land treatment of hazardous industrial waste / K.W. Brown, K.C. Donnelly, and J.C. Thomas. — Ada, OK : U.S. Environmental Protection Agency, Robert S. Kerr Environmental Research Laboratory, 1984.

9 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S2-84-135." ●Item 431-L-12 (microfiche)

1. Factory and trade waste—Environmental aspects—United States. 2. Waste disposal in the ground—Environmental aspects—United States. I. Donnelly, K. C. II. Thomas, J. C. III. Robert S. Kerr Environmental Research Laboratory. IV. Title. OCLC 11673708

85-12495

EP 1.89/2:600/S 2-84-137

Toxicity treatability of iron and steel plant wastewaters : a resource document / B.H. Carpenter ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

3 p. : 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S2-84-137." ●Item 431-L-12 (microfiche)

1. Water reuse—United States. 2. Sewage—Purification. 3. Factory and trade waste—Environmental aspects—United States. 4. Steel industry and trade—United States. I. Carpenter, B. H. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 11673739

85-12496

EP 1.89/2:600/S 3-83-061

Albuyeh, Farrokh.

A simple transmission network planning method : Wisconsin power plant impact study / Farrokh Albuyeh and James J. Skiles. — Duluth, MN : U.S. Environmental Protection Agency, Environmental Research Laboratory, 1984.

3 p. : 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "July 1984." "EPA-600/S3-83-061." ●Item 431-L-12 (microfiche)

1. Power-plants—Wisconsin. 2. Electric lines—Planning—Wisconsin. I. Skiles, James J. II. Environmental Research Laboratory (Duluth, Minn.) III. Title. OCLC 11738109

85-12497

EP 1.89/2:600/S 3-84-053

Instrumentation, recording, and processing of meteorological data near Portage, Wisconsin : Wisconsin power plant impact study / Charles R. Stearns ... [et al.]. — Duluth, MN : U.S. Environmental Protection Agency, Environmental Research Laboratory, 1984.

5 p. : 1 map ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "May 1984." "EPA-600/S3-84-053." ●Item 431-L-12 (microfiche)

1. Power-plants—Environmental aspects—Wisconsin. 2. Meteorology—Wisconsin—Observations. I. Stearns, Charles R. II. Environmental Research Laboratory (Duluth, Minn.) OCLC 11738231

85-12498

EP 1.89/2:600/S 3-84-056

Cheney, James L.

Miniature acid-condensation system : design and operation / James L. Cheney. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Environmental Sciences Research Laboratory, 1984.

[2] p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "May 1984." "EPA-600/S3-84-056." ●Item 431-L-12 (microfiche)

1. Sulphuric acid. 2. Combustion gases. I. Environmental Sciences Research Laboratory. II. Title. OCLC 11738389

85-12499

EP 1.89/2:600/S 3-84-089

White, Fred D.

Review of the attributes and performance of six urban diffusion models / Fred D. White. — Research Triangle Park, NC : Environmental Protection Agency, Environmental Sciences Research Laboratory, 1984.

## Environmental Protection Agency

[2] p. : 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S3-84-089." ●Item 431-L-12 (microfiche)

1. Air quality—United States. 2. Air—Pollution—United States—Measurement. I. Environmental Sciences Research Laboratory. II. Title. OCLC 11765871

85-12500

EP 1.89/2:600/S 4-83-055

Everett, Lorne G.

Groundwater monitoring recommendations for oil shale development / L.G. Everett. — Las Vegas, NV : U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory, 1984.

5 p. : ill., 1 map ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "June 1984." "EPA-600/S4-83-055." ●Item 431-L-12 (microfiche)

1. Water, Underground—United States—Sampling. 2. Oil-shale industry—United States. I. Environmental Monitoring Systems Laboratory (Las Vegas, Nev.) II. Title. OCLC 11738408

85-12501

EP 1.89/2:600/S 4-84-043

Barth, Delbert S.

Soil sampling quality assurance user's guide / Delbert S. Barth and Benjamin J. Mason. — Las Vegas, NV : U.S. Environmental Protection Agency, Environmental Monitoring Systems Laboratory, 1984.

3 p. : 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "July 1984." "EPA-600/S4-84-043." ●Item 431-L-12 (microfiche)

1. Soils—Testing. 2. Soil pollution. I. Mason, Benjamin J. II. Environmental Monitoring Systems Laboratory (Las Vegas, Nev.) III. Title. OCLC 11738181

85-12502

EP 1.89/2:600/S 4-84-056

Millar, John D. (John David), 1921-

EPA method study 16, method 606, phthalate esters / John D. Millar, Richard E. Thomas, and Herbert J. Schattenberg. — Cincinnati, OH : U.S. Environmental Protection Agency, Environmental Monitoring and Support Laboratory, 1984.

3 p. : 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Aug. 1984." "EPA-600/S4-84-056." ●Item 431-L-12 (microfiche)

1. Water—Analysis. 2. Phthalic acid—Testing. 3. Esters—Analysis. I. Thomas, Richard E. (Richard Earl), 1946- II. Schattenberg, Herbert J. III. Environmental Monitoring and Support Laboratory (Cincinnati, Ohio) IV. Title. V. Title: E.P.A. method study sixteen, method 606. OCLC 11731725

85-12503

EP 1.89/2:600/S 7-84-029

Faulkner, M. Gregory.

Studies of particulate removal from diesel exhaust / M.G. Faulkner, J.L. DuBard, and J.R. McDonald. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

10 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "May 1984." "EPA-600/S7-84-029." ●Item 431-L-12 (microfiche)

1. Diesel motor exhaust gas. I. DuBard, J. L. II. McDonald, J. R. (Jack Raymond), 1944- III. Industrial En-

vironmental Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 11738346

85-12504

EP 1.89/2:600/S 7-84-046

Allen, John M. (John Malone), 1921-

Study of the effectiveness of a catalytic combustion device on a wood burning appliance / John M. Allen, William H. Piispanen, and Marcus Cooke. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

7 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "May 1984." "EPA-600/S7-84-046." ●Item 431-L-12 (microfiche)

1. Stoves, Wood—Environmental aspects—United States. I. Piispanen, William. II. Cooke, Marcus, 1943- III. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 11691333

85-12505

EP 1.89/2:600/S 7-84-061

Allen, John M. (John Malone), 1921-

Control of wood stove emissions using improved secondary combustion / J.M. Allen and W.H. Piispanen. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

4 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "July 1984." "EPA-600/S7-84-061." ●Item 431-L-12 (microfiche)

1. Stoves, Wood—Environmental aspects—United States. 2. Combustion. 3. Air—Pollution—Standards—United States. I. Piispanen, William. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 11732634

85-12506

EP 1.89/2:600/S 7-84-062

Reeves, C. Richard.

Feasibility of ultrasonic and other methods for direct measurement of condenser biofouling / C. Richard Reeves, Wayne S. Seames, and Steve L. Winton. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

6 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Aug. 1984." "EPA-600/S7-84-062." ●Item 431-L-12 (microfiche)

1. Electric utilities—Environmental aspects—United States. I. Seames, Wayne S. II. Winton, Steve L. III. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 11691339

85-12507

EP 1.89/2:600/S 7-84-066

Correlation of coal properties with environmental control technology needs for sulfur and trace elements / D.M. White ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

10 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "July 1984." "EPA-600/S7-84-066." ●Item 431-L-12 (microfiche)

1. Coal mines and mining—Environmental aspects—United States. 2. Coal—United States—Sulphur content. I. White, D. M. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 11732626

85-12508

EP 1.89/2:600/S 7-84-075

Carter, W. A.

Combustion modification tests on a subscale cement kiln for NO<sub>x</sub> reduction / W.A. Carter and R.C. Benson. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

5 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S7-84-075." ●Item 431-L-12 (microfiche)

1. Cement kilns — Environmental aspects — United States. I. Benson, R. C. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 11691326

85-12509

EP 1.89/2:600/S 7-84-078

Candidate sampling and analysis methods for 21 suspect carcinogens in combustion emissions / W.M. Cooke ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

4 p. : ill. ; 1984 Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S7-84-078." ●Item 431-L-12 (microfiche)

1. Carcinogens. 2. Combustion — Environmental aspects — United States. 3. Petroleum as fuel — Environmental aspects — United States. I. Cooke, Marcus, 1943- II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 11691346

85-12510

EP 1.89/2:600/S 7-84-080

Benson, R. C.

Evaluation of natural- and forced-draft staging air systems for nitric oxide reduction in refinery process heaters / R.C. Benson. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

7 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S7-84-080." ●Item 431-L-12 (microfiche)

1. Combustion gases — Environmental aspects — United States. 2. Heating. I. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) II. Title. OCLC 11684777

85-12511

EP 1.89/2:600/S 7-84-081

Environmental assessment and overview of biotechnology process applications / N.P. Stein ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

3 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S7-84-081." ●Item 431-L-12 (microfiche)

1. Sewage disposal in rivers, lakes, etc. — Environmental aspects — United States. I. Stein, N. P. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 11691308

85-12512

EP 1.89/2:600/S 7-84-085

VanOsdell, D. W.

Electrostatic augmentation of fabric filtration : reverse-air pilot unit experience / D.W. VanOsdell and D.A. Furlong. — Research Triangle Park, NC : U.S. Environmental Protection

Agency, Industrial Environmental Research Laboratory, 1984.

6 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S7-84-085." ●Item 431-L-12 (microfiche)

1. Filter cloth. 2. Filters and filtration. 3. Electrostatic dusting. I. Furlong, D. A. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 11684807

85-12513

EP 1.89/2:600/S 7-84-086

Palazzolo, M. A.

Status of dry SO<sub>2</sub> control systems : fall 1983 / M.A. Palazzolo and M.A. Baviello. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

6 p. : 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S7-84-086." ●Item 431-L-12 (microfiche)

1. Sulphur dioxide. 2. Boilers — Fuel — Environmental aspects — United States. I. Baviello, Mary Ann. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 11694652

85-12514

EP 1.89/2:600/S 7-84-087

Development of criteria for extension of applicability of low-emission, high-efficiency coal burners : fourth annual report / R. Payne ... [et al.]. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

10 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S7-84-087." ●Item 431-L-12 (microfiche)

1. Coal-fired furnaces. 2. Boilers — Fuel. I. Payne, R. (Roy), 1946- II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) OCLC 11684788

85-12515

EP 1.89/2:600/S 7-84-089

Shendrikar, A. D.

Collection efficiency evaluation of mercury-trapping media for the SASS train impinger system / A.D. Shendrikar, Ashok Damle, and W.F. Gutknecht. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

6 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S7-84-089." ●Item 431-L-12 (microfiche)

1. Mercury — Environmental aspects — United States. I. Damle, Ashok. II. Gutknecht, William F. III. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) IV. Title. OCLC 11684817

85-12516

EP 1.89/2:600/S 8-84-016

Viner, Andrew S.

Cost and performance models for electrostatically stimulated fabric filtration / Andrew S. Viner and Bruce R. Locke. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

5 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche.

## Water Programs Operations Office — Environmental Protection Agency

"July 1984." "EPA-600/S8-84-016." ●Item 431-L-12 (microfiche)

I. Filter cloth — Mathematical models. I. Locke, Bruce R. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. OCLC 11691353

85-12517

EP 1.89/2:600/S 8-84-017

Yeager, William M.

Particulate data reduction (PADRE) system reference manual / W.M. Yeager and C.E. Tatsch. — Research Triangle Park, NC : U.S. Environmental Protection Agency, Industrial Environmental Research Laboratory, 1984.

7 p. : ill. ; 28 cm. Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Aug. 1984." "EPA-600/S8-84-017." ●Item 431-L-12 (microfiche)

I. Environmental monitorings — United States — Data processing. I. Tatsch, C. E. II. Industrial Environmental Research Laboratory (Research Triangle Park, N.C.) III. Title. IV. Title: Particulate data reduction (P.A.D.R.E.) system reference manual. OCLC 11691300

85-12518

EP 1.89/2:600/S 9-84-018

Conceptual development of a toxic screening model / W.M. Grayman ... [et al.]. — Cincinnati, OH : U.S. Environmental Protection Agency, Municipal Environmental Research Laboratory, 1984.

4 p. ; 1984 Caption title. At head of title: Project summary. Distributed to depository libraries in microfiche. "Sept. 1984." "EPA-600/S9-84-018." ●Item 431-L-12 (microfiche)

I. Water — Pollution — Louisiana. I. Grayman, W. M. II. Municipal Environmental Research Laboratory. OCLC 11691343

## WATER PROGRAMS OPERATIONS OFFICE

Environmental Protection Agency  
Washington, DC 20460

85-12519

EP 2.2:In 8

United States. Environmental Protection Agency. Office of Water Program Operations.

Internal control review report on the municipal wastewater treatment works construction grants program / U.S. Environmental Protection Agency, Office of Water Program Operations and regional water management divisions. — Washington, D.C. : The Office, 1984.

153 p. in various pagings ; 28 cm. Cover title. "September 1984." ●Item 473-A-1

1. Federal aid to water quality management — United States. 2. Recycling (Waste, etc.) — United States. 3. Water — Purification. 4. Water quality management — United States. I. Title. OCLC 11674071

85-12520

EP 2.8:En 3

Value engineering for wastewater treatment works / prepared for Office of Water Program Operations (WH-547), United States Environmental Protection Agency ; prepared by contractor, Roy F. Weston, Inc., subcontractor, L-Z Associates, Inc. — Washington, DC : The Office, 1984.

I v. (various pagings) : ill., forms ; 28 cm. "September 1984"—Cover. Includes bibliographical references. "Contract no. 68-01-6737." "430/9-84-009"—Cover. ●Item 607-C

1. Water reuse — United States. 2. Sewage — Purification. I. United States. Environmental Protection Agency. Office of

Water Program Operations. II. Roy F. Weston, inc. III. L-Z Associates. OCLC 11737581

## AIR QUALITY PLANNING AND STANDARDS OFFICE

Environmental Protection Agency  
Research Triangle Park, NC 27711

85-12521

EP 4.2:L 46/4

Pelton, D. J.

Optimum sampling site exposure criteria for lead / by D.J. Pelton and R.C. Koch. — Research Triangle Park, N.C. : Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, [1984]

v, 63 p. : ill., 1 map ; 28 cm. "GEOMET Technologies, Inc." Distributed to depository libraries in microfiche. "February 1984." Bibliography: p. 51-54. "Contract number 68-02-3584." "EPA-450/4-84-012." ●Item 483-E-1 (microfiche)

1. Lead compounds — Environmental aspects — United States. 2. Air — Pollution — Standards — United States. I. Koch, R. C. II. United States. Environmental Protection Agency. Office of Air Quality Planning and Standards. III. GEOMET Technologies, Inc. IV. Title. OCLC 11737652

85-12522

EP 4.2:M 56/6

Method 16A for determination of total reduced sulfur emissions : summary of comments and responses. — Research Triangle Park, N.C. : U.S. Environmental Protection Agency, Office of Air and Radiation, Office of Air Quality Planning and Standards ; [Springfield, Va. : National Technical Information Services, distributor, 1984]

ii, 19 p. ; 28 cm. "Emission Standards and Engineering Division." Distributed to depository libraries in microfiche. "October 1984." DAA for Air Quality Planning and Standards (MD-10), Office of Air and Radiation, U.S. Environmental Protection Agency. ●Item 483-E-1 (microfiche) STRN: EPA-450/3-82-028

1. Sulphur compounds — Environmental aspects — United States. 2. Air — Pollution — Standards — United States. I. United States. Environmental Protection Agency. Emission Standards and Engineering Division. II. Title: Method sixteen A for determination of total reduced sulfur emissions. OCLC 11737603

## PESTICIDES AND TOXIC SUBSTANCES OFFICE

Environmental Protection Agency  
Washington, DC 20460

85-12523

EP 5.2:W 85

Wood preservative pesticides : creosote, pentachlorophenol, and the inorganic arsenicals. — Washington, DC : Registration Division, Office of Pesticide Programs, Office of Pesticides and Toxic Substances, U.S. Environmental Protection Agency, [1984]

xix, 344 p. : ill. ; 29 cm. — (Position document ; no. 4) Bibliography: p. 259-282 ●Item 473-B-1

1. Creosote. 2. Pentachlorophenol. 3. Arsenic compounds. I. United States. Environmental Protection Agency. Office of Pesticide Programs. Registration Division. II. Series. OCLC 11459596

**RADIATION PROGRAMS OFFICE**  
Environmental Protection Agency  
Arlington, VA 22202

85-12524

EP 6.2:R 11/19/v.1-2

Background information document : (integrated risk assessment) : final rules for radionuclides. — Washington, D.C. : U.S. Environmental Protection Agency, Office of Radiation Programs, 1984.

2 v. : ill., maps ; 28 cm. Final. At head of title: 40 CFR part 61, National Emission Standards for Hazardous Air Pollutants. Cover title: Radionuclides, background information document for final rules. "PEI Associates, Inc"—Technical rept. data. "October 22, 1984." Includes bibliographies. Contract No.: 68-02-3878. Project No.: Work assignment no. 2. ●Item 431-I-18 STRN: EPA 520/1-84-022-1, 2

1. Radioisotopes — Environmental aspects — United States.  
2. Radioactive pollution — United States. I. United States. Environmental Protection Agency. Office of Radiation Programs. II. PEI Associates. III. Title: Radionuclides, background information document for final rules. OCLC 11780561

**WATER REGULATIONS AND STANDARDS OFFICE**

Environmental Protection Agency  
Washington, DC 20460

85-12525

EP 8.8:W 29/984/v.3

Technical support manual : waterbody surveys and assessments for conducting use attainability analyses. — Washington, DC : U.S. Environmental Protection Agency, Office of Water Regulations and Standards, Criteria and Standards Division, 1983.

v. : ill. ; 28 cm. "November 1984"—Vol. III. Includes bibliographies. Contents: v. 3. Lake systems. ●Item 473-F

1. Water quality management — United States. 2. Water — Analysis. I. United States. Environmental Protection Agency. Office of Water Regulations and Standards. Criteria Standards Division. II. Title: Waterbody surveys and assessments for conducting use attainability analyses. OCLC 10990084

**FEDERAL EMERGENCY MANAGEMENT AGENCY**

Washington, DC 20472

85-12526

FEM 1.11:106

Ready to serve the nation : National Defense Executive Reserve. — Washington, D.C. : Federal Emergency Management Agency, [1984]

1 folded sheet (6 p.) ; 22 x 10 cm. "L-106, revised SEP 1984 (replaces L-106, dated AUG 1982, which may be used)"—P. [5] ●Item 857-D-5

1. Government executives — Training of — United States. I. United States. Federal Emergency Management Agency. OCLC 11684884

85-12527

FEM 1.11:141

Governor's checklist for emergency and major-disaster declarations. — [Washington, D.C.?] : Federal Emergency Management Agency, [1984]

1 folded sheet (8 p.) : 1 port. ; 22 x 10 cm. "L 141 / July 1984"—P. [8] ●Item 857-D-5

1. Disaster relief — United States. I. United States. Federal Emergency Management Agency. OCLC 11697710

**FEDERAL INSURANCE ADMINISTRATION**  
Washington, DC 20410

85-12528

FEM 1.209:080070

Flood insurance study : city of Florence, Colorado, Fremont County. — [Washington, D.C.?] : Federal Emergency Management Agency, [1984]

ii, 20 p., 19 folded leaves of plates : ill., 1 map ; 28 cm. Cover title. "June 4, 1984." Distributed to depository libraries in microfiche. Includes bibliographical references. "Community number — 080070." ●Item 594-C-46. (microfiche)

1. Insurance, Flood — Colorado — Fremont County. I. United States. Federal Emergency Management Agency. II. Title: City of Florence, Colorado, Fremont County. OCLC 11664650

85-12529

FEM 1.209:290096

Flood insurance study : city of Liberty, Missouri, Clay County. — Rev. Feb. 1, 1985. — [Washington, D.C.?] : Federal Emergency Management Agency, [1985]

iii, 29 p., 20 folded leaves of plates : ill., map ; 28 cm. Cover title. Distributed to depository libraries in microfiche. Includes bibliographical references. "Community number — 290096." ●Item 594-C-25 (microfiche)

1. Insurance, Flood — Missouri — Clay County. I. United States. Federal Emergency Management Agency. II. Title: City of Liberty, Missouri, Clay County. OCLC 11664661

**FEDERAL MARITIME COMMISSION**  
Washington, DC 20573

85-12530

FMC 1.12:985

Automobile manufacturers' measurements. Washington, D.C. : Federal Maritime Commission, Federal Maritime Commission, 1100 L St., N.W., Washington, D.C. 20573

v. ; 28 cm.

Annual 1985 model year. Description based on: 1984 model year; title from cover. ●Item 432-L-2

1. Automobiles — United States — Sizes — Catalogs. 2. Automobiles — United States — Models — Catalogs. I. United States. Federal Maritime Commission. TL1.A73 84-641435 //r85 629.2/222/0212 62 19 OCLC 10448645

**FEDERAL TRADE COMMISSION**  
Washington, DC 20580

85-12531

FT 1.2:1m 7/2

Morkre, Morris E.

Import quotas on textiles : the welfare effects of United States restrictions on Hong Kong : an economic policy analysis / by Morris E. Morkre. — [Washington, D.C.?] : Federal Trade Commission, 1984.

vi, 85 p. : ill. ; 23 cm. — (Bureau of Economics staff report) "August 1984." Bibliography: p. 82-85. ●Item 535

1. Textile industry — United States. 2. Import quotas — United States. 3. Foreign trade regulation — United States. I. United States. Federal Trade Commission. II. Title. III. Series. OCLC 11558050

## General Accounting Office

85-12532

FT 1.8/2:F 31

A Guide to the Federal Trade Commission. — Washington, D.C. : Federal Trade Commission, 1984.

20 p. : col. ill. ; 23 x 10 cm. Cover title. ●Item 535-A  
1. United States. Federal Trade Commission. I. United States. Federal Trade Commission. OCLC 11691424

## GENERAL ACCOUNTING OFFICE

Washington, DC 20548

Reports to Congress by Comptroller General of United States. Order multiple copies from GAO, Box 1020, Washington, DC 20013; \$1.00 each. Single copies free (write: GAO, 441 G St., N.W., Washington, DC 20548)

85-12533

GA 1.13:AFMD-84-48

United States. General Accounting Office.

Examination of the financial statements of the Export-Import Bank of the United States for the fiscal year ended September 30, 1983 : report to the Congress of the United States / by the Comptroller General. — Washington, D.C. : U.S. General Accounting Office, [1984]

2, 14 leaves ; 28 cm. Cover title. Distributed to depository libraries in microfiche. "April 26, 1984." "GAO/AFMD-84-48." "B-197710"—1st prelim. p. ●Item 546-D (microfiche)

1. Export-Import Bank of the United States. I. Title. OCLC 10972338

85-12534

GA 1.13:GGD-84-85

United States. General Accounting Office.

Better monitoring and recordkeeping systems needed to accurately account for juvenile justice practice : report to the Chairman, Subcommittee on Human Resources, Committee on Education and Labor, House of Representatives / by the U.S. General Accounting Office. — Washington, D.C. : The Office, [1984]

[1] leaf, 22 p. ; 28 cm. Cover title. "July 9, 1984." Distributed to depository libraries in microfiche. Includes bibliographical references. "GAO/GGD-84-85." "B-202245"—Prelim. leaf. ●Item 546-D (microfiche)

1. Juvenile justice, Administration of—United States. I. Title. OCLC 11643864

85-12535

GA 1.13:HRD-84-76

United States. General Accounting Office.

Community services block grant : new state role brings program and administrative changes : report to the Congress / by the Comptroller General of the United States. — Washington, D.C. : U.S. General Accounting Office, [1984]

[1] leaf, vii, [6], 87 p. : ill. ; 28 cm. Cover title. "September 28, 1984." Distributed to depository libraries in microfiche. "GAO/HRD-84-76." "B-214417"—Prelim. leaf. ●Item 546-D (microfiche)

1. Community development—United States—Finance. 2. Block grants—United States. I. Title. OCLC 11571886

85-12536

GA 1.13:OCG-84-3/2

United States. General Accounting Office.

Implementation of the Federal Managers' Financial Integrity Act : first year : report to the Congress / by the Comptroller General of the United States. — Washington, D.C. : U.S. General Accounting Office, [1984]

[1] leaf, vii, 56 p. : ill. ; 28 cm. Cover title. Distributed to depository libraries in microfiche. "August 24, 1984."

"GAO/OCG-84-3." "B-202205"—Leaf [1] ●Item 546-D (microfiche)

1. Management audit. 2. Government executives—United States. I. Title. OCLC 11389943

85-12537

GA 1.22:P 94/984

Federal evaluations : a directory / issued by the Comptroller General. [Washington, D.C.] : General Accounting Office, [1980?]- U.S. General Accounting Office, Washington, D.C., 20548

v. ; 28 cm. (Congressional sourcebook series ; 1984)

Annual

1980- "GAO/AFMD-85-2." 1984. Contains an inventory of evaluation reports produced by and for selected Federal agencies, including GAO evaluation reports that relate to the programs of those agencies. Indices: Index for FY 73-FY 80, published in 1 v., also covers serial under its earlier title: Federal program evaluations. ●Item 545-E ISSN 0277-4224 Continues: Federal program evaluations ISSN 0148-8708

1. Evaluation research (Social action programs)—United States—Directories. 2. Governmental investigations—United States—Directories. I. United States. General Accounting Office. II. Series. H62.5.U5F42 82-640705 //r82 353/.076/025 OCLC 07018279

## GOVERNMENT PRINTING OFFICE

Washington, DC 20402

85-12538

GP 1.2:C 73/5

Computers : a selection of books for sale by the Superintendent of Documents. — Washington, D.C. : U.S. Government Printing Office, [1984?]

1 sheet : ill. ; 42 x 43 cm. folded to 14 x 22 cm. ●Item 548

1. Computers—Bibliography—Catalogs. I. United States. Government Printing Office. OCLC 11697629

## ASSISTANT PUBLIC PRINTER

(Superintendent of Documents)

Government Printing Office

Washington, DC 20402

Subject bibliography . . . available free upon request from the Supt. of Docs., U.S. Govt. Print. Off. Orders must include SB number.

85-12539

GP 3.22/2:025/11

United States. Superintendent of Documents.

United States reports. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1984]

9 p. ; 27 cm. — (Subject bibliography ; SB-025) Caption title. "December 14, 1984." ●Item 552-A

1. United States. Supreme Court 2. Government publications—Bibliography—Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-025. OCLC 11663833

85-12540

GP 3.22/2:050/9

United States. Superintendent of Documents.

Water pollution and water resources. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]

4 p. ; 27 cm. — (Subject bibliography ; SB-050) "January 8, 1985." ●Item 552-A

1. Government publications — Bibliography — Catalogs.
2. Water — Pollution — United States — Bibliography — Catalogs.
3. Water quality — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-050. OCLC 11681299

85-12541

GP 3.22/2:070/9

- United States. Superintendent of Documents.  
Mammals and reptiles. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]  
2 p. ; 27 cm. — (Subject bibliography ; SB-070) Caption title. "January 8, 1985." ●Item 552-A  
1. Government publications — Bibliography — Catalogs.  
2. Mammals — Bibliography — Catalogs. 3. Reptiles — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-070. OCLC 11663803

85-12542

GP 3.22/2:091/9

- United States. Superintendent of Documents.  
Courts and correctional institutions. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]  
3 p. ; 26 cm. — (Subject bibliography ; SB-091) Caption title. "January 8, 1985." ●Item 552-A  
1. Government publications — Bibliography — Catalogs.  
2. Courts — United States — Bibliography — Catalogs. 3. Correctional institutions — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-091. OCLC 11681273

85-12543

GP 3.22/2:117/9

- United States. Superintendent of Documents.  
Law enforcement. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]  
3 p. ; 26 cm. — (Subject bibliography ; SB-117) Caption title. "January 8, 1985." ●Item 552-A  
1. Law enforcement — United States — Bibliography — Catalogs. 2. Government publications — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-117. OCLC 11681241

85-12544

GP 3.22/2:128/9

- United States. Superintendent of Documents.  
Banks and banking. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1984]  
3 p. ; 26 cm. — (Subject bibliography ; SB-128) Caption title. "December 5, 1984." ●Item 552-A  
1. Government publications — Bibliography — Catalogs.  
2. Banks and banking — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-128. OCLC 11662109

85-12545

GP 3.22/2:131/9

- United States. Superintendent of Documents.  
Armed Forces. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]  
8 p. ; 26 cm. — (Subject bibliography ; SB-131) Caption title. "January 8, 1985." ●Item 552-A  
1. Government publications — Bibliography — Catalogs.  
2. United States — Armed Forces — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-131. OCLC 11688899

85-12546

GP 3.22/2:143/9

- United States. Superintendent of Documents.  
Fossils. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1984]  
1 p. ; 27 cm. — (Subject bibliography ; SB-143) Caption title. "January 8, 1985." ●Item 552-A  
1. Government publications — Bibliography — Catalogs.  
2. Paleontology — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-143. OCLC 11654589

85-12547

GP 3.22/2:150/10

- United States. Superintendent of Documents.  
Libraries and library collections. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1984]  
13 p. ; 27 cm. — (Subject bibliography ; SB-150) Caption title. "December 5, 1984." ●Item 552-A  
1. Libraries — United States — Bibliography. 2. Government publications — Bibliography. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-150. OCLC 11662061

85-12548

GP 3.22/2:223/7

- United States. Superintendent of Documents.  
School administration, buildings and equipment. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]  
1 p. ; 27 cm. — (Subject bibliography ; SB-223) Caption title. "January 8, 1985." ●Item 552-A  
1. Government publications — Bibliography — Catalogs.  
2. School management and organization — United States — Bibliography — Catalogs. 3. School buildings — United States — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-223. OCLC 11681197

85-12549

GP 3.22/2:236/8

- United States. Superintendent of Documents.  
United States naval history. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]  
6 p. ; 27 cm. — (Subject bibliography ; SB-236) Caption title. "January 8, 1985." ●Item 552-A  
1. Government publications — Bibliography — Catalogs.  
2. United States. Navy 3. United States — History, Naval — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-236. OCLC 10475767

85-12550

GP 3.22/2:271/8

- United States. Superintendent of Documents.  
National Bureau of Standards special publications. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]  
9 p. ; 26 cm. — (Subject bibliography ; SB-271) Caption title. "January 8, 1985." ●Item 552-A  
1. United States. National Bureau of Standards 2. Government publications — Bibliography — Catalogs. I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-271. OCLC 11741072

85-12551

GP 3.22/2:276/9

- United States. Superintendent of Documents.  
Home economics. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1984]  
10 p. ; 26 cm. — (Subject bibliography ; SB-276) Caption title. "December 24, 1984." ●Item 552-A

## General Services Administration

1. Government publications — Bibliography — Catalogs.
  2. Consumer education — Bibliography — Catalogs.
  3. Home economics — Bibliography — Catalogs.
- I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-276. OCLC 11691568

85-12552

GP 3.22/2:292/5

United States. Superintendent of Documents.

Family planning. — Washington, D.C. : U.S. G.P.O., Supt. of Docs., [1985]

3 p. ; 27 cm. — (Subject bibliography ; SB-292) Caption title. "January 9, 1985." ●Item 552-A

1. Government publications — Bibliography — Catalogs.
  2. Birth control — United States — Bibliography — Catalogs.
- I. Title. II. Series: United States. Superintendent of Documents. Subject bibliography ; SB-292. OCLC 11681156

## GENERAL SERVICES ADMINISTRATION Washington, DC 20405

85-12553

GS 1.2:So 2/2

Office of Software Development and Information Technology. — Falls Church, VA : General Services Administration, OIRM Office of Software Development and Information Technology (KF), 1984.

105 p. : ill. ; 28 cm. "Federal Software Testing Center" — Cover. Includes bibliographical references. ●Item 559

1. United States. General Services Administration. Office of Software Development and Information Technology.
2. Computer programs. I. Federal Software Testing Center (U.S.) OCLC 11691095

85-12554

GS 1.15/4:983

Detailed listing of real property owned by the United States and used by civil agencies throughout the world as of ... [Washington, D.C.?] : General Services Administration, Office of Administration, General Services Administration, Washington, D.C. 20405

v. ; 28 cm.

Annual Title from cover. Sept. 30, 1983. Description based on: 1979. Issue for 1981 not published. ●Item 559-A

1. United States — Public buildings — Directories.
  2. United States — Public lands — Directories.
- I. United States. General Services Administration. Office of Administration. JK1613.D48 83-645150 353.0071/3 42 19 OCLC 07913183

## FEDERAL SUPPLY AND SERVICES OFFICE General Services Administration Washington, DC 20390

85-12555

GS 2.2:P 94/2

Sale of federal surplus personal property. — Washington, DC : General Services Administration, Office of Federal Supply and Services, 1984.

1 folded sheet (8 p.) ; 22 x 10 cm. "October 1984." ●Item 564

1. Surplus government property — United States. I. United States. Office of Federal Supply and Services. OCLC 11684627

## NATIONAL ARCHIVES AND RECORDS SERVICE

### General Services Administration Washington, DC 20408

85-12556

GS 4.2:M 85

Motion pictures & sound and video recordings in the National Archives. — [Washington, D.C.] : National Archives and Records Service, U.S. General Services Administration, [1985?]

[2] p. : ill. ; 28 x 22 cm. folded to 10 x 22 cm. ●Item 569

1. Moving-pictures — Archival resources — United States.
1. United States. National Archives and Records Service. OCLC 11766145

85-12557

GS 4.22:26

United States. National Archives and Records Service. Cartographic and Architectural Branch.

Cartographic and Architectural Branch. — Washington, DC : National Archives and Records Service, U.S. General Services Administration, 1984.

13 p. : ill., 1 map ; 22 x 10 cm. — (General information leaflet / U.S. General Services Administration ; no. 26) ●Item 569

1. United States. National Archives and Records Service. Cartographic and Architectural Branch. I. Title. II. Series: General information leaflet (United States. General Services Administration) ; no. 26. OCLC 11684735

## FEDERAL REGISTER OFFICE General Services Administration Washington, DC 20408

85-12558

GS 4.108:4/985

Code of federal regulations. 4, Accounts. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$12.00 (paper) \$3.75 (microfiche) Spine title: CFR. 4, Accounts 1985. Description based on: 1981. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Jan. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 822-004-00003-2 (paper) ; 822-005-00003-9 (microfiche)

1. Accounting — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07872127

85-12559

GS 4.108:7/pt.46-51/985

United States. Dept. of Agriculture.

Code of federal regulations. 7, Agriculture. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$13.00 (paper) \$3.75 (microfiche) Spine title: CFR. 7, Agriculture 1985. Description based on: 1980, pts. 53 to 209. Special edition of the Federal register, containing a codifica-

tion of document of general applicability and future effect as of Jan. 1 with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 822-004-00007-5 (paper) ; 822-005-00007-1 (microfiche)

1. Agricultural laws and legislation — United States — Periodicals. I. United States. Office of the Federal Register. II. Title. OCLC 07515004

85-12560

GS 4.108:10/pt.200-399/985

Code of federal regulations. 10, Energy. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$9.50 (paper) \$3.75 (microfiche) Spine title: CFR. 10, Energy 1985, pts. 200-399. Description based on: 1981, pts. 0 to 199. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Jan. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 822-004-00026-1 (paper) ; 822-005-00026-8 (microfiche)

1. Conservation of natural resources — United States — Periodicals. 2. Power resources — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 06506744

85-12561

GS 4.108:14/pt.140-199/985

Code of federal regulations. 14, Aeronautics and space. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$7.50 (paper) \$3.75 (microfiche) Spine title: CFR. 14, Aeronautics and space 1985, pts. 140-199. Description based on: 1981, pts. 1 to 59. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Jan. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 822-004-00037-0 (paper) ; 822-005-00037-3 (microfiche)

1. Aeronautics — Law and legislation — United States — Periodicals. 2. Space law — Periodicals. I. United States. Office of the Federal Register. OCLC 07858635

85-12562

GS 4.108:14/pt.1200-end/985

Code of federal regulations. 14, Aeronautics and space. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$8.00 (paper) \$3.75 (microfiche) Spine title: CFR. 14, Aeronautics and space 1985, pts. 1200-end. Description based on: 1981, pts. 1 to 59. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Jan. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 822-004-00039-3 (paper) ; 822-005-00039-0 (microfiche)

1. Aeronautics — Law and legislation — United States — Periodicals. 2. Space law — Periodicals. I. United States. Office of the Federal Register. OCLC 07858635

85-12563

GS 4.108:16/pt.0-149/985

Code of Federal regulations. 16, Commercial practices. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$9.00 (paper) \$3.75 (microfiche) Spine title: CFR. 16, Commercial practices 1985, pts. 0-149. Description based on: 1981, pts. 0 to 149. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Jan. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 822-004-00043-1 (paper) ; 822-005-00043-8 (microfiche)

1. Consumer protection — Law and legislation — United States — Periodicals. 2. Trade regulation — United States — Periodicals. I. United States. Office of the Federal Register. [DNLM 1. Commerce — United States — Legislation] OCLC 07439179

85-12564

GS 4.108:43/pt.1000-3999/984

United States. Dept. of the Interior.

Code of Federal regulations. 43, Public lands, interior. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$14.00 (paper) \$2.25 (microfiche) Spine title: CFR. 43, Public lands, interior 1984, pts. 1000-3999. Description based on: 1980, pts. 1 to 999. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 022-003-95425-2 (paper) ; 022-003-98716-9 (microfiche)

1. Natural resources — Law and legislation — United States — Periodicals. 2. United States — Public lands — Periodicals. I. United States. Office of the Federal Register. II. Title. OCLC 07484283

85-12565

GS 4.108:45/pt.500-1199/984

Code of federal regulations. 45, Public welfare. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$13.00 (paper) \$2.25 (microfiche) Spine title: CFR. 45, Public welfare 1984, pts. 500-1199. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 022-003-95430-9 (paper) ; 022-003-98721-5 (microfiche)

## Federal Register Office — General Services Administration

1. Public welfare — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 05166333

85-12566

GS 4.108:46/pt.166-199/984

Code of federal regulations. 46, Shipping. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$9.00 (paper) \$2.25 (microfiche) Spine title: CFR. 46, Shipping 1984, pts. 166-199. Description based on: 1980, pts. 1 to 29. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 022-003-95438-4 (paper) ; 022-003-98729-1 (microfiche)

1. Maritime law — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07510980

85-12567

GS 4.108:47/pt.20-69/984

Code of federal regulations. 47, Telecommunications. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$14.00 (paper) \$2.25 (microfiche) Spine title: CFR. 47, Telecommunications 1984, pts. 20-69. Description based on: 1980, pts. 0-19. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 022-003-95442-2 (paper) ; 022-003-98733-9 (microfiche)

1. Telecommunication — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07526720

85-12568

GS 4.108:48/chap.3-6/984

Code of federal regulations. 48, Federal acquisition regulations system. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$12.00 (paper) \$2.25 (microfiche) Spine title: CFR. 48, Federal acquisition regulations system 1984, chapters 3-6. Description based on: 1984, chapter 15 to end. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 022-003-95448-1 (paper) ; 022-003-98738-0 (microfiche)

1. Public contracts — United States — Periodicals. 2. Government purchasing — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 11580527

85-12569

GS 4.108:49/pt.178-199/984

Code of federal regulations. 49, Transportation. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$13.00 (paper) \$2.25 (microfiche) Spine title: CFR. 49, Transportation 1984, pts. 178-199. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Nov. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 022-003-95453-8 (paper) ; 022-003-98744-4 (microfiche)

1. Transportation — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07220683

85-12570

GS 4.108:49/pt.1200-1299/984

Code of federal regulations. 49, Transportation. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$13.00 (paper) \$2.25 (microfiche) Spine title: CFR. 49, Transportation 1984, pts. 1200-1299. Description based on: 1980, pts. 1 to 99. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 022-003-95457-1 (paper) ; 022-003-98748-7 (microfiche)

1. Transportation — Law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 07220683

85-12571

GS 4.108:50/pt.1-199/984

Code of federal regulations. 50, Wildlife and fisheries. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm.

Annual

\$9.50 (paper) \$2.25 (microfiche) Spine title: CFR. 50, Wildlife and fisheries 1984, pts. 1-199. Description based on: 1980, pts. 1 to 199. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. ●Item 572-B, 572-C (microfiche) S/N 022-003-95459-7 (paper) ; 022-003-98750-9 (microfiche)

1. Wildlife conservation — Law and legislation — United States — Periodicals. 2. Fishery law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 05955164

85-12572

GS 4.108:50/pt.200-end/984

Code of federal regulations. 50, Wildlife and fisheries. Washington : Office of the Federal Register, National Archives and Records Service, General Services Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402  
v. ; 24 cm.

Annual

\$14.00 (paper) \$2.25 (microfiche) Spine title: CFR. 50, Wildlife and fisheries 1984, pts. 200-end. Description based on: 1980, pts. 1 to 199. Special edition of the Federal register, containing a codification of documents of general applicability and future effect as of Oct. 1 ... with ancillaries. Vols. for (1984-) distributed to some depository libraries in microfiche. ●Item 572-B, 572-C (microfiche) S/N 022-003-95460-1 (paper) ; 022-003-98751-7 (microfiche)

1. Wildlife conservation — Law and legislation — United States — Periodicals. 2. Fishery law and legislation — United States — Periodicals. I. United States. Office of the Federal Register. OCLC 05955164

# PUBLIC LAWS

85-12573

GS 4.110:98-406

United States.

[Arizona Wilderness Act of 1984] An Act to Designate Certain National Forest Lands in the State of Arizona as Wilderness, and for Other Purposes. — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[10] p. ; 24 cm. Caption title. "Public Law 98-406." "98 Stat. 1485." "Aug. 28, 1984, (H.R. 4707)" ●Item 575 S/N 022-003-96161-5 @ GPO \$2.00

1. United States — Public lands 2. Wilderness areas — Arizona. 3. Forest reserves — Arizona. I. Title. OCLC 11669307

85-12574

GS 4.110:98-445

United States.

[Eastern Pacific Tuna Licensing Act of 1984] An Act to Implement the Eastern Pacific Ocean Tuna Fishing Agreement, Signed in San Jose, Costa Rica, March 15, 1983. — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[5] p. ; 24 cm. Caption title. "Public Law 98-445." "98 Stat. 1715." "Oct. 4, 1984, (H.R. 5147)" ●Item 575 S/N 022-003-96200-0 @ GPO \$1.00

1. Tuna fisheries — Law and legislation — United States. 2. United States — Foreign relations — Central America. 3. Central America — Foreign relations — United States. I. Title. OCLC 11652442

85-12575

GS 4.110:98-458

United States.

Joint Resolution Designating the week beginning on October 7, 1984, as "Mental Illness Awareness Week." — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[2] p. ; 24 cm. Caption title. "Public Law 98-458." "98 Stat. 1765." "Oct. 9, 1984, (S.J. Res. 322)" ●Item 575 S/N 022-003-96213-1 @ GPO \$1.00

1. Mental Illness Awareness Week. I. Title. OCLC 11651716

85-12576

GS 4.110:98-464

United States.

An Act to Authorize Appropriations for Fiscal Year 1985 to Carry Out the Natural Gas Pipeline Safety Act of 1968 and the Hazardous Liquid Pipeline Safety Act of 1979, and for Other Purposes. — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[3] p. ; 24 cm. Caption title. "Public Law 98-464." "98 Stat. 1821." "Oct. 11, 1984, (S. 2688)" ●Item 575 S/N 022-003-96219-1 @ GPO \$1.00

1. Gas, Natural — Pipe lines — Law and legislation — United States. 2. Hazardous substances — Transportation — Law and legislation — United States. 3. Pipe lines — Safety regulations — United States. I. Title. OCLC 11685779

85-12577

GS 4.110:98-468

United States.

Joint Resolution Designating the Month of November 1984 as "National Christmas Seal Month." — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[2] p. ; 24 cm. Caption title. "Public Law 98-468." "98 Stat. 1829." "Oct. 11, 1984, (S.J. Res. 324)" ●Item 575 S/N 022-003-96223-9 @ GPO \$1.00

1. National Christmas Seal Month. I. Title. OCLC 11684012

85-12578

GS 4.110:98-469

United States.

An Act to Extend Through September 30, 1988, the Period During Which Amendments to the United States Grain Standards Act Contained in Section 155 of the Omnibus Budget Reconciliation Act of 1981 Remain .... — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[2] p. ; 24 cm. Caption title: An Act to Extend Through September 30, 1988, the Period During Which Amendments to the United States Grain Standards Act Contained in Section 155 of the Omnibus Budget Reconciliation Act of 1981 Remain Effective, and for Other Purposes. "Public Law 98-469." "98 Stat. 1831." "Oct. 11 1984, (H.R. 5221)" ●Item 575 S/N 022-003-96224-7 @ GPO \$1.00

1. Grain — United States — Inspection. 2. Fees, Administrative — United States. 3. Investment of public funds — United States. 4. Administrative procedure — United States. I. United States. United States Grain Standards Act. II. United States. Omnibus Budget Reconciliation Act of 1981. III. Title. OCLC 11663534

85-12579

GS 4.110:98-470

United States.

An Act to Authorize Amendments to a Certain Repayment and Water Service Contract for the Frenchman Unit of the Pick-Sloan Missouri River Basin Program. — [Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[2] p. ; 24 cm. Caption title. "Public Law 98-470." "98 Stat. 1833." "Oct. 11, 1984, (H.R. 3130)" ●Item 575 S/N 022-003-96225-5 @ GPO \$1.00

1. Pick-Sloan Missouri Basin Program (U.S.) 2. Water resources development — Law and legislation — United States. 3. Water resources development — Nebraska. I. Title. OCLC 11684230

# Federal Register Office — General Services Administration

85-12580

GS 4.110-98-498

United States.

Marine Sanctuaries Amendments of 1984. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[16] p. ; 24 cm. Caption title: An Act to Provide Authorization of Appropriations for Title III of the Marine Protection, Research, and Sanctuaries Act of 1972, and for Other Purposes. "Public Law 98-498." "Oct. 19, 1984, (S. 1102)"—P. [1] ●Item 575 S/N 022-003-96253-1 @ GPO \$1.00

1. Marine parks and reserves—United States. 2. Marine resources conservation—Law and legislation—United States. 3. Ships—Safety regulations—United States. I. United States. Marine Protection, Research, and Sanctuaries Act of 1972. II. Title. III. Title: An Act to Provide Authorization of Appropriations for Title III of the Marine Protection, Research, and Sanctuaries Act of 1972, and for Other Purposes. OCLC 11689720

85-12581

GS 4.110-98-500

United States.

[Old Age Assistance Claims Settlement Act] An Act to Compensate Heirs of Deceased Indians for Improper Payments from Trust Estates to States or Political Subdivisions Thereof as Reimbursements for Old Age Assistance Received by Decedents During Their Lifetime. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[3] p. ; 24 cm. Caption title. "Public Law 98-500." "98 Stat. 2317." "Oct. 19, 1984, (S. 1151)" S/N 022-003-96255-7 @ GPO 1.00

1. Indians of North America—Claims. 2. Old age assistance—United States. 3. Government liability—United States. I. Title. OCLC 11691209

85-12582

GS 4.110-98-501

United States.

Public Works Improvement Act of 1984. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[7] p. ; 24 cm. Caption title: An Act to Establish a National Council on Public Works Improvement to Prepare Three Annual Reports on the State of the Nation's Infrastructure, to Amend the Provisions of Title 31, United States Code, Relating to the President's Budget to Require It to Separately Identify and Summarize the Capital Investment Expenditures of the United States, and for Other Purposes. "Public Law 98-501." "Oct. 19, 1984, (S. 1330)"—P. [1] ●Item 575 S/N 022-003-96256-5 @ GPO \$1.00

1. National Council on Public Works Improvement (U.S.) 2. United States—Public works. 3. Public service employment—Law and legislation—United States. 4. Capital investments—Law and legislation—United States. I. Title. II. Title: An Act to Establish a National Council on Public Works Improvement to Prepare Three Annual Reports on the State of the Nation's Infrastructure, to Amend the Provisions of Title 31, United States Code, Relating to the President's Budget to Require It to Separately Identify and Summarize the Capital Investment Expenditures of the United States, and for Other Purposes. OCLC 11689932

85-12583

GS 4.110-98-502

United States.

[Single Audit Act of 1984] An Act to Establish Uniform Audit Requirements for State and Local Governments Re-

ceiving Federal Financial Assistance. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[5] p. ; 24 cm. Caption title. "Public Law 98-502." "98 Stat. 2327." "Oct. 19, 1984, (S. 1510)" ●Item 575 S/N 022-003-96257-3 @ GPO \$1.00

1. Economic assistance, Domestic—United States. 2. Auditing—Law and legislation—United States. 3. Local finance—United States. I. Title. OCLC 11669270

85-12584

GS 4.110-98-503

United States.

An Act to Amend the Act of October 18, 1972, to Authorize Additional Authorization of Appropriations for Sitka National Historical Park, Alaska. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-503." "98 Stat. 2335." "Oct. 19, 1984, (S. 1688)" ●Item 575 S/N 022-003-96258-1 @ GPO \$1.00

1. Sitka National Historical Park (Sitka, Alaska)—Appropriations and expenditures. I. Title. OCLC 11684419

85-12585

GS 4.110-98-504

United States.

An Act to Authorize the Secretary of the Interior to Enter into Contracts or Cooperative Agreements with the Art Barn Association to Assist in the Preservation and Interpretation of the Art Barn in Rock Creek Park in the District of Columbia, and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-504." "98 Stat. 2336." "Oct. 19, 1984, (S. 1790)" ●Item 575 S/N 022-003-96259-0 @ GPO \$1.00

1. Art Barn (Washington, D.C.) 2. Historic sites—Washington (D.C.)—Rock Creek Park—Conservation and restoration. 3. Federal aid to historic sites—Washington (D.C.) I. Title. OCLC 11689202

85-12586

GS 4.110-98-506

United States.

An Act to Amend the Act Authorizing the Establishment of the Congaree Swamp National Monument to Provide That at Such Time as the Principal Visitor Center Is Established, Such Center Shall Be Designated as the "Harry R.E. Hampton Visitor Center," and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-506." "98 Stat. 2338." "Oct. 19, 1984, (S. 1889)" ●Item 575 S/N 022-003-96261-1 @ GPO \$1.00

1. Harry R.E. Hampton Visitor Center (Columbia, S.C.) 2. South Carolina—Columbia—Public buildings. 3. Congaree Swamp National Monument (Columbia, S.C.) I. Title. OCLC 11684382

85-12587

GS 4.110-98-507

United States.

[National Organ Transplant Act] An Act to Provide for the Establishment of the Task Force on Organ Transplantation and the Organ Procurement and Transplantation Network; to Authorize Financial Assistance for Organ Procurement Organizations, and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[10] p. ; 24 cm. Caption title. "Public Law 98-507." "98 Stat. 2339." "Oct. 19, 1984, (S. 2048)" ●Item 575 S/N 022-003-96262-0 @ GPO \$1.00

1. United States. Task Force on Organ Transplantation. 2. Tissue banks—United States. 3. Donation of organs, tissues, etc.—United States. I. Title. OCLC 11723071

85-12588

GS 4.110:98-508

United States.

[Arkansas Wilderness Act of 1984] An Act to Designate Certain National Forest System Lands in the State of Arkansas for Inclusion in the National Wilderness Preservation System, and for Other Purposes. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[4] p. ; 24 cm. Caption title. "Public Law 98-508." "98 Stat. 2349." "Oct. 19, 1984, (S. 2125)" ●Item 575 S/N 022-003-96263-8 @ GPO \$1.00

1. United States—Public lands. 2. Wilderness areas—Arkansas. 3. National parks and reserves—Arkansas. I. Title. OCLC 11671412

85-12589

GS 4.110:98-509

United States.

[Alcohol Abuse, Drug Abuse and Mental Health Amendments of 1984] An Act to Amend the Public Health Service Act to Revise and Extend the Authorities of That Act for Assistance for Alcohol and Drug Abuse and Mental Health Services. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[12] p. ; 24 cm. Caption title. "Public Law 98-509." "98 Stat. 2353." "Oct. 19, 1984, (S. 2303)" ●Item 575 S/N 022-003-96264-6 @ GPO \$1.00

1. Federal aid to alcoholism programs—United States. 2. Federal aid to drug abuse treatment programs—United States. 3. Mental health services—United States—Finance. 4. United States—Appropriations and expenditures, 1984. I. Title. OCLC 11671304

85-12590

GS 4.110:98-511

United States.

Education Amendments of 1984. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[43] p. ; 24 cm. Caption title: An Act to Extend the Authorization of Appropriations for Certain Education Programs, and for Other Purposes. "Public Law 98-511." "Oct. 19, 1984, (S. 2496)"—P. [1] ●Item 575 S/N 022-003-96266-2 @ GPO \$1.00

1. Adult education—Law and legislation—United States. 2. Federal aid to education—United States. I. Title. II. Title: An Act to Extend the Authorization of Appropriations for Certain Education Programs, and for Other Purposes. OCLC 11671469

85-12591

GS 4.110:98-512

United States.

An Act to Revise and Extend the Programs of Assistance Under Titles X and XX of the Public Health Service Act. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[2] p. ; 24 cm. Caption title. "Public Law 98-512." "98 Stat. 2409." "Oct. 19, 1984, (S. 2616)" ●Item 575 S/N 022-003-96267-1 @ GPO \$1.00

1. Pregnancy, Adolescent—United States. 2. Adolescent mothers—United States. I. United States. Public Health Service Act. II. Title. OCLC 11684470

85-12592

GS 4.110:98-513

United States.

An Act Pertaining to the Inheritance of Trust or Restricted Land on the Lake Traverse Indian Reservation, North Dakota and South Dakota, and for Other Purposes. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[5] p. ; 24 cm. Caption title. "Public Law 98-513." "98 Stat. 2411." "Oct. 19, 1984, (S. 2663)" ●Item 575 S/N 022-003-96268-9 @ GPO \$1.00

1. Indians of North America—North Dakota—Land tenure. 2. Indians of North America—South Dakota—Land tenure. 3. Sisseton Indian Reservation. I. Title. OCLC 11671252

85-12593

GS 4.110:98-514

United States.

Georgia Wilderness Act of 1984. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[4] p. ; 24 cm. Caption title: An Act to Designate Certain National Forest System Lands in the State of Georgia as Wilderness, and for Other Purposes. "Public Law 98-514." "Oct. 19, 1984, (S. 2773)"—P. [1] ●Item 575 S/N 022-003-96269-7 @ GPO \$1.00

1. Wilderness areas—Law and legislation—United States. 2. Forest reserves—Georgia. I. Title. II. Title: An Act to Designate Certain National Forest System Lands in the State of Georgia as Wilderness, and for Other Purposes. OCLC 11774093

85-12594

GS 4.110:98-515

United States.

Mississippi National Forest Wilderness Act of 1984 —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[3] p. ; 24 cm. Caption title: An Act to Designate Certain National Forest System Lands in the State of Mississippi as Wilderness, and for Other Purposes. "Public Law 98-515." "Oct. 19, 1984, (S. 2808)"—P. [1] ●Item 575 S/N 022-003-96270-1 @ GPO \$1.00

1. Wilderness areas—Law and legislation—Mississippi. 2. National parks and reserves—Mississippi I. Title. II. Title: An Act to Designate Certain National Forest System Lands in the State of Mississippi as Wilderness, and for Other Purposes. OCLC 11689683

85-12595

GS 4.110:98-523

United States.

An Act to Authorize the Administrator of General Services to Transfer to the Smithsonian Institution Without Reimbursement the General Post Office Building and the Site Thereof Located in the District of Columbia, and for Other Purposes. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[5] p. ; 24 cm. Caption title. "Public Law 98-523." "98 Stat. 2433." "Oct. 19, 1984, (H.R. 4025)" ●Item 575 S/N 022-003-96278-6 @ GPO \$1.00

1. Museums—Washington (D.C.) 2. Postal service—Washington (D.C.)—Buildings. 3. Land titles—Registration and transfer—Washington (D.C.) 4. Smithsonian Institution I. Title. OCLC 11690761

# Federal Register Office — General Services Administration

85-12596

GS 4.110-98-524

United States.

[Carl D. Perkins Vocational Education Act] An Act to Amend the Vocational Education Act of 1963 to Strengthen and Expand the Economic Base of the Nation, Develop Human Resources, Reduce Structural Unemployment, Increase Productivity .... — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984 i.e. 1985] [57] p. ; 24 cm. Caption title. "Public Law 98-524." "98 Stat. 2435." "Oct. 19, 1984, (H.R. 4164)" ●Item 575 S/N 022-003-96279-4 @ GPO \$1.00

1. Vocational education—Law and legislation—United States. 2. Federal aid to vocational education—United States. 3. Technical education—United States—Finance. 4. Occupational retraining—United States. I. United States. Vocational Education Act of 1963. II. Title. OCLC 11689300

85-12597

GS 4.110-98-528

United States.

Veterans' Health Care Act of 1984. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[11] p. ; 24 cm. Caption title: An Act to Amend Title 38, United States Code, to Revise and Improve Veterans' Administration Health Programs and to Improve Security and Law Enforcement at Veterans' Administration Facilities; and for Other Purposes. "Public Law 98-528." "Oct. 19, 1984, (H.R. 5618)"—P. [1] ●Item 575 S/N 022-003-96283-2 @ GPO \$1.00

1. Veterans—Medical care—Law and legislation—United States. 2. Soldiers' homes—United States. 3. United States. Veterans Administration I. Title. II. Title: An Act to Amend Title 38, United States Code, to Revise and Improve Veterans' Administration Health Programs and to Improve Security and Law Enforcement at Veterans' Administration Facilities; and for Other Purposes. OCLC 11690073

85-12598

GS 4.110-98-531

United States.

An Act to Amend the Bankruptcy Amendments and Federal Judgeship Act of 1984 to Make Technical Corrections with Respect to the Retirement of Certain Bankruptcy Judges, and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-531." "98 Stat. 2704." "Oct. 19, 1984, (H.R. 6216)" ●Item 575 S/N 022-003-96286-7 @ GPO \$1.00

1. Bankruptcy—United States. 2. Examiners (Administrative procedure)—United States. 3. Judges—United States—Retirement. I. Title. OCLC 11669250

85-12599

GS 4.110-98-532

United States.

An Act to Prevent Disruption of the Structure and Functioning of the Government by Ratifying All Reorganization Plans as a Matter of Law. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-532." "98 Stat. 2705." "Oct. 19, 1984, (H.R. 6225)" ●Item 575 S/N 022-003-96287-5 @ GPO \$1.00

1. United States—Executive departments—Reorganization. 2. Legislative oversight—United States. I. Title. OCLC 11689779

Page 92

85-12600

GS 4.110-98-536

United States.

Joint Resolution Providing for the Reappointment of A. Leon Higginbotham, Junior, as a Citizen Regent of the Smithsonian Institution. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-536." "98 Stat. 2714." "Oct. 19, 1984, (H.J. Res. 552)" ●Item 575 S/N 022-003-96291-3 @ GPO \$1.00

1. Higginbotham, A. Leon, 1928- 2. Smithsonian Institution. Board of Regents I. Title. OCLC 11690694

85-12601

GS 4.110-98-541

United States.

An Act to Provide for the Restoration of the Fish and Wildlife in the Trinity River Basin, California, and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[4] p. ; 24 cm. Caption title. "Public Law 98-541." "98 Stat. 2721." "Oct. 24, 1984, (H.R. 1438)" ●Item 575 S/N 022-003-96296-4 @ GPO \$1.00

1. Fishery management—California. 2. Wildlife management—California. 3. Trinity River Watershed (Calif.) I. Title. OCLC 11773102

85-12602

GS 4.110-98-543

United States.

[Veterans' Benefits Improvement Act of 1984] An Act to Amend Title 38, United States Code, to Increase the Rates of Disability Compensation for Disabled Veterans and of Dependency and Indemnity Compensation for Surviving Spouses and Children of Veterans, to Increase the Rates of Subsistence and Educational Assistance Allowances .... — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[15] p. ; 24 cm. Caption title. "Public Law 98-543." "98 Stat. 2735." "Oct. 24, 1984, (H.R. 5688)" ●Item 575 S/N 022-003-96298-1 @ GPO \$1.00

1. Pensions, Military—Law and legislation—United States. 2. Survivors' benefits—Law and legislation—United States. 3. Veterans—Training of—Law and legislation—United States. I. Title. OCLC 11774011

85-12603

GS 4.110-98-547

United States.

Motor Vehicle Theft Law Enforcement Act of 1984. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984 i.e. 1985]

[20] p. ; 24 cm. Caption title: An Act to Amend the Motor Vehicle and Information Cost Savings Act to Impede Those Motor Vehicle Thefts Which Occur for Purposes of Dismantling the Vehicles and Reselling the Major Parts by Requiring Passenger Motor Vehicles and Major Replacement Parts to Have Identifying Numbers or Symbols, and for Other Purposes. "Public Law 98-447." "Oct. 25, 1984, (H.R. 6257)"—P. [1] ●Item 575 S/N 022-003-96302-2 @ GPO \$1.00

1. Automobile theft—United States. 2. Automobiles—Parts—Law and legislation—United States. 3. Automobiles—United States—Identification. 4. Automobiles—United States—Parts—Identification. I. United States. Motor Vehicle Information and Cost Savings Act. II. Title. III. Title: An Act to Amend the Motor Vehicle and Information Cost Savings Act to Impede Those Motor Vehicle Thefts

Which Occur for Purposes of Dismantling the Vehicles and Reselling .... OCLC 11691396

85-12604

GS 4.110:98-549

United States.

[Cable Communications Policy Act of 1984] An Act to Amend the Communications Act of 1934 to Provide a National Policy Regarding Cable Television. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984 i.e. 1985]

[28] p. ; 24 cm. Caption title. "Public Law 98-549." "98 Stat. 2779." "Oct. 30, 1984, (S. 66)" ●Item 575 S/N 022-003-96304-9 @ GPO \$1.50

1. Cable television — Law and legislation — United States. 2. Telecommunication policy — United States. I. United States. Communications Act of 1934. II. Title. OCLC 11691295

85-12605

GS 4.110:98-551

United States.

[Health Promotion and Disease Prevention Amendments of 1984] An Act to Revise and Extend Provisions of the Public Health Service Act Relating to Health Promotion and Disease Prevention, to Provide for the Establishment of Centers for Research and Demonstrations Concerning Health Promotion and Disease Prevention, and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[8] p. ; 24 cm. Caption title. "Public Law 98-551" "98 Stat. 2815." "Oct. 30, 1984, (S. 771)" ●Item 575 S/N 022-003-96306-5 @ GPO \$1.00

1. Medical policy — United States. 2. Medicine, Preventive — Law and legislation — United States — Finance. 3. Federal aid to medical research — United States. 4. Medical technology — United States — Finance. 5. United States. Office of Disease Prevention and Health Promotion. I. United States. Public Health Service Act. II. Title. OCLC 11772514

85-12606

GS 4.110:98-553

United States.

An Act to Authorize Appropriations to the Nuclear Regulatory Commission in Accordance with Section 261 of the Atomic Energy Act of 1954, and Section 305 of the Energy Reorganization Act of 1974. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[4] p. ; 24 cm. Caption title. "Public Law 98-553." "98 Stat. 2825." "Oct. 30, 1984, (S. 1291)" ●Item 575 S/N 022-003-96308-1 @ GPO \$1.00

1. U.S. Nuclear Regulatory Commission 2. United States — Appropriations and expenditures, 1984-1985. I. United States. Atomic Energy Act of 1954. II. United States. Energy Reorganization Act of 1974. III. Title. OCLC 11773643

85-12607

GS 4.110:98-557

United States.

Coast Guard Authorization Act of 1984. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[18] p. ; 24 cm. Caption title: An Act to Authorize Appropriations for the Coast Guard for Fiscal Years 1985 and 1986, and for Other Purposes. "Public Law 98-557." "Oct. 30, 1984, (S. 2526)"—P. [1] ●Item 575 S/N 022-003-96312-0 @ GPO \$1.25

1. United States. Coast Guard 2. United States — Appropriations and expenditures, 1985-1986. I. Title. II. Title: An

Act to Authorize Appropriations for the Coast Guard for Fiscal Years 1985 and 1986, and for Other Purposes. OCLC 11774034

85-12608

GS 4.110:98-558

United States.

Human Services Reauthorization Act. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[29] p. ; 24 cm. Caption title : An Act to Extend Programs Under the Head Start Act, and for Other Purposes. "Public Law 98-558." "Oct. 30, 1984, (S. 2565)"—P. [1] ●Item 575 S/N 022-003-96313-8 @ GPO \$1.50

1. Federal aid to community development — United States. 2. Federal aid to education — United States. 3. Poor — United States — Energy assistance. 4. Economic assistance, Domestic — United States. I. United States. Head Start Act. II. Title. III. Title: An Act to Extend Programs Under the Head Start Act, and for Other Purposes. OCLC 11689579

85-12609

GS 4.110:98-570

United States.

An Act to Amend Title I of the Reclamation Project Authorization Act of 1972 in Order to Provide for the Establishment of the Russell Lakes Waterfowl Management Area as a Replacement for the Authorized Mishak National Wildlife Refuge, and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[2] p. ; 24 cm. Caption title. "Public Law 98-570." "98 Stat. 2941." "Oct. 30, 1984, (H.R. 2823)" ●Item 575 S/N 022-003-96325-1 @ GPO \$1.00

1. Russell Lakes Waterfowl Management Area (Colo.) 2. Waterfowl management — Colorado. 3. Wildlife conservation — Law and legislation — Colorado. 4. Water-supply — Colorado. I. United States. Reclamation Project Authorization Act of 1972. II. Title. OCLC 11772534

85-12610

GS 4.110:98-571

United States.

An Act to Direct the Secretary of Agriculture to Convey, for Certain Specified Consideration, to the Sabine River Authority Approximately Thirty-One Thousand Acres of Land within the Sabine National Forest to Be Used for the Purposes of the Toledo Bend Project, Louisiana and Texas, and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[3] p. ; 24 cm. Caption title. "Public Law 98-571." "98 Stat. 2943." "Oct. 30, 1984, (H.R. 3150)" ●Item 575 S/N 022-003-96326-0 @ GPO \$1.00

1. Forest reserves — Texas — Sabine National Forest. 2. Land titles — Registration and transfer — Louisiana. I. Title. OCLC 11774953

85-12611

GS 4.110:98-575

United States.

[Commercial Space Launch Act] An Act to Facilitate Commercial Space Launches, and for Other Purposes. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[10] p. ; 24 cm. Caption title. "Public Law 98-575." "98 Stat. 3055." "Oct. 30, 1984, (H.R. 3942)" ●Item 575 S/N 022-003-96330-8 @ GPO \$1.00

1. Astronautics and state — United States. 2. Launch vehicles (Astronautics) I. Title. OCLC 11774664

## Federal Register Office — General Services Administration

85-12612

GS 4.110:98-576

United States.

An Act to Provide That Any Osage Headright or Restricted Real Estate or Funds Which Is Part of the Estate of a Deceased Osage Indian Who Did Not Possess a Certificate of Competency at the Time of Death Shall Be Exempt from Any Estate or Inheritance Tax Imposed by the State of Oklahoma. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor], 1985.

[1] leaf ; 24 cm. Caption title. "Public Law 98-576." "98 Stat. 3065." "Oct. 30, 1984, (H.R. 3971)" ●Item 575 S/N 022-003-96331-6 @ GPO \$1.00

1. Osage Indians — Legal status, laws, etc. 2. Indians of North America — Oklahoma — Legal status, laws, etc. 3. Taxation, Exemption from — Oklahoma. I. Title. OCLC 11775116

85-12613

GS 4.110:98-577

United States.

Small Business and Federal Procurement Competition Enhancement Act of 1984. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[22] p. ; 24 cm. Caption title: An Act to Amend the Small Business Act, the Federal Property and Administrative Services Act of 1949, and the Office of Federal Procurement Policy Act to Enhance Competition in Government Procurement, and for Other Purposes. "Public Law 98-577." "Oct. 30, 1984, (H.R. 4209)" — P. [1] ●Item 575 S/N 022-003-96332-4 @ GPO \$1.00

1. Small business — Law and legislation — United States. 2. Government purchasing — Law and legislation — United States. 3. Defense contracts — United States. 4. Competition — United States. I. Title. II. Title: An Act to Amend the Small Business Act, the Federal Property and Administrative Services Act of 1949, and the Office of Federal Procurement Policy Act to Enhance Competition in Government Procurement, and for Other Purposes. OCLC 11690125

85-12614

GS 4.110:98-578

United States.

Tennessee Wilderness Act of 1984. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[3] p. ; 24 cm. Caption title: An Act to Designate Certain Lands in the Cherokee National Forest, Tennessee, as Wilderness Areas, and to Allow Management of Certain Lands for Uses Other Than Wilderness. "Public Law 98-578." "Oct. 30, 1984, (H.R. 4263)" — P. [1] ●Item 575 S/N 022-003-96333-2 @ GPO \$1.00

1. Wilderness areas — Tennessee. 2. Cherokee National Forest (Tenn. and N.C.) I. Title. II. Title: An Act to Designate Certain Lands in the Cherokee National Forest, Tennessee, as Wilderness Areas, and to Allow Management of Certain Lands for Uses Other Than Wilderness. OCLC 11773878

85-12615

GS 4.110:98-579

United States.

An Act to Designate the Federal Building and United States Courthouse in Ocala, Florida, as the "Golden-Collum Memorial Federal Building and United States Courthouse." — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984].

[1] leaf ; 24 cm. Caption title. "Public Law 98-579." "98 Stat. 3091." "Oct. 30, 1984, (H.R. 4354)" ●Item 575 S/N 022-003-96334-1 @ GPO \$1.00

1. Golden-Collum Memorial Federal Building and United States Courthouse (Ocala, Fla.) I. Title. OCLC 11688734

85-12616

GS 4.110:98-583

United States.

An Act to Designate the Federal Building and United States Courthouse in Las Vegas, Nevada, as the "Foley Federal Building and United States Courthouse." — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-583." "98 Stat. 3096." "Oct. 30, 1984, (H.R. 4717)" ●Item 575 S/N 022-003-96338-3 @ GPO \$1.00

1. Foley Federal Building and United States Courthouse (Las Vegas, Nev.) I. Title. OCLC 11689776

85-12617

GS 4.110:98-587

United States.

[An Act to Amend Section 3056 of Title 18, United States Code, to Update the Authorities of the United States Secret Service, and for Other Purposes] Amendment of Title 18 of the U.S. code. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[3] p. ; 24 cm. Caption title: An Act to Amend Section 3056 of Title 18, United States Code, to Update the Authorities of the United States Secret Service, and for Other Purposes. "Public Law 98-587." "Oct. 30, 1984, (H.R. 5189)" — P. [1] ●Item 575 S/N 022-003-96342-1 @ GPO \$1.00

1. United States. Secret Service. I. Title. OCLC 11772639

85-12618

GS 4.110:98-588

United States.

An Act to Redesignate the Veterans' Administration Medical Center Located in Poplar Bluff, Missouri, as the "John J. Pershing Veterans' Administration Medical Center." — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-588." "98 Stat. 3113." "Oct. 30, 1984, (H.R. 5252)" ●Item 575 S/N 022-003-96343-0 @ GPO \$1.00

1. John J. Pershing Veterans' Administration Medical Center. I. Title. OCLC 11689106

85-12619

GS 4.110:98-589

United States.

An Act to Designate the United States Courthouse Building in Hato Rey, Puerto Rico, as the "Clemente Ruiz Nazario United States Courthouse." — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-589." "98 Stat. 3114." "Oct. 30, 1984, (H.R. 5323)" ●Item 575 S/N 022-003-96344-8 @ GPO \$1.00

1. Clemente Ruiz Nazario United States Courthouse (Hato Rey, P.R.) I. Title. OCLC 11688782

85-12620

GS 4.110:98-591

United States.

An Act to Designate the United States Post Office and Courthouse in Utica, New York, as the "Alexander Pirnie Federal Building." — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-591." "98 Stat. 3125." "Oct. 30, 1984, (H.R. 5402)" ●Item 575 S/N 022-003-96346-4 @ GPO \$1.00

1. Alexander Pirnie Federal Building (Utica, N.Y.) 1. Title. OCLC 11689751

85-12621

GS 4.110:98-592

United States.

[Act Providing for the Conveyance of Public Lands, Seneca County, Ohio] Conveyance of public lands, Seneca County, Ohio. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[2] p. ; 24 cm. Caption title: An Act Providing for the Conveyance of Public Lands, Seneca County, Ohio. "Public Law 98-592." "Oct. 30, 1984, (H.R. 5716)"—P [1] ●Item 575 S/N 022-003-96347-2 @ GPO \$1.00

1. United States — Public lands. 2. Land titles — Registration and transfer — Ohio — Seneca County. I. Title. OCLC 11690156

85-12622

GS 4.110:98-595

United States.

[Act to Improve Certain Maritime Programs of the Department of Transportation and the Department of Commerce] Maritime programs improvements of the Departments of Transportation and Commerce. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[5] p. ; 24 cm. Caption title: An Act to Improve Certain Maritime Programs Improvements of the Departments of Transportation and Commerce. "Public Law 98-595." "Oct. 30, 1984, (H.R. 5833)" ●Item 575 S/N 022-003-96350-2 @ GPO \$1.00

1. Government lending — United States. 2. Fishing boats — United States. 3. Fisheries subsidies — United States. I. Title. OCLC 11689743

85-12623

GS 4.110:98-596

United States.

Criminal Fine Enforcement Act of 1984. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[7] p. ; 24 cm. Caption title: An Act to Amend Title 18, United States Code, to Improve Collection and Administration of Criminal Fines, and for Other Purposes. "Public Law 98-596." "Oct. 30, 1984, (H.R. 5846)"—P. [1] ●Item 575 S/N 022-003-96351-1 @ GPO \$1.00

1. Fines (Penalties) — United States. 2. Criminal law — United States. I. Title. II. Title: An Act to Amend Title 18, United States Code, to Improve Collection and Administration of Criminal Fines, and for Other Purposes. OCLC 11772835

85-12624

GS 4.110:98-600

United States.

An Act to Amend the Panama Canal Act of 1979 to Authorize Quarters Allowances for Certain Employees of the Department of Defense Serving in the Area Formerly Known as the Canal Zone. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[2] p. ; 24 cm. Caption title. "Public Law 98-600." "98 Stat. 3145." "Oct. 30, 1984, (H.R. 6101)" ●Item 575 S/N 022-003-96355-3 @ GPO \$1.00

1. United States — Officials and employees in foreign countries. 2. Housing subsidies — Canal Zone. I. United States. Panama Canal Act of 1979. II. Title. OCLC 11778131

85-12625

GS 4.110:98-601

United States.

An Act to Amend the Tax Equity and Fiscal Responsibility Act of 1982 with Respect to the Effect of the 1985 Increase in the Federal Unemployment Tax Rate on Certain Small Business Provisions Contained in State Unemployment Compensation Laws. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[2] p. ; 24 cm. Caption title. "Public Law 98-601." "98 Stat. 3147." "Oct. 30, 1984, (H.R. 6112)" ●Item 575 S/N 022-003-96356-1 @ GPO \$1.00

1. Insurance, Unemployment — United States. 2. Taxation — Law and legislation — United States. I. United States. Tax Equity and Fiscal Responsibility Act of 1982. II. Title. OCLC 11773746

85-12626

GS 4.110:98-602

United States.

An Act to Provide for the Use and Distribution of Certain Funds Awarded the Wyandotte Tribe of Oklahoma and to Restore Certain Mineral Rights to the Three Affiliated Tribes of the Fort Berthold Reservation. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[6] p. ; 24 cm. Caption title. "Public Law 98-602." "98 Stat. 3149." "Oct. 30, 1984, (H.R. 6221)" ●Item 575 S/N 022-003-96357-0 @ GPO \$1.00

1. Huron Indians — Claims. 2. Indians of North America — Oklahoma — Claims. 3. Indians of North America — North Dakota — Land tenure. 4. Garrison Dam (N.D.). I. Title. OCLC 11773020

85-12627

GS 4.110:98-603

United States.

[San Juan Basin Wilderness Protection Act of 1984] An Act Entitled "The San Juan Basin Wilderness Protection Act of 1984." — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[6] p. ; 24 cm. Caption title. "Public Law 98-603." "98 Stat. 3155." "Oct. 30, 1984, (H.R. 6296)" ●Item 575 S/N 022-003-96358-2 @ GPO \$1.00

1. San Juan River Watershed (Colo.-Utah) 2. Wilderness areas — Law and legislation — New Mexico. I. Title. OCLC 11774772

85-12628

GS 4.110:98-606

United States.

An Act to Amend the River and Harbor Act of 1946. — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-606." "98 Stat. 3169." "Oct. 30, 1984, (H.R. 6430)" ●Item 575 S/N 022-003-96361-8 @ GPO \$1.00

1. Newport News Creek (Va.) I. Title. OCLC 11656571

85-12629

GS 4.110:98-607

United States.

An Act to Eliminate Restrictions with Respect to the Imposition and Collection of Tolls on the Richmond-Petersburg Turnpike Upon Repayment by the Commonwealth of Virginia of Certain Federal-Aid ... — [Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title: An Act to Eliminate Restrictions with Respect to the Imposition and Collection of Tolls on the Richmond-Petersburg Turnpike Upon Repay-

## Health and Human Services Department

ment by the Commonwealth of Virginia of Certain Federal-Aid Highway Funds Used on Such Turnpike. "Public Law 98-607." "98 Stat. 3170." "Oct. 30, 1984, (H.R. 6441)" ●Item 575 S/N 022-003-96362-6 @ GPO \$1.00  
1. Roads—Virginia—Finance. 2. Toll roads—Virginia. I. Title. II. Title: Caption title: An Act to Eliminate Restrictions with Respect to the Imposition and Collection of Tolls on the Richmond-Petersburg Turnpike Upon Repayment by the Commonwealth of Virginia of Certain Federal-Aid Highway Funds Used on Such Turnpike. OCLC 11669371

85-12630

GS 4.110:98-608

United States.

Joint Resolution to Make Technical Corrections in the Act of January 12, 1983 (Public Law 97-459). —[Washington, D.C.: U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[3] p. ; 24 cm. Caption title. "Public Law 98-608." "98 Stat. 3171." "Oct. 30, 1984, (H.J. Res 158)" ●Item 575 S/N 022-003-96363-4 @ GPO \$1.00

1. Indians of North America—Land transfers. 2. Indians of North America—Probate law and practice. I. Title. OCLC 11773056

85-12631

GS 4.110:98-609

United States.

Joint Resolution to Designate the Week Beginning May 20, 1985, as "National Medical Transcriptionist Week." —[Washington, D.C. : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[1] leaf ; 24 cm. Caption title. "Public Law 98-609." "98 Stat. 3174." "Oct. 30, 1984, (H.J. Res. 332)" ●Item 575 S/N 022-003-96364-2 @ GPO \$1.00

1. National Medical Transcriptionist Week. I. Title. OCLC 11651780

85-12632

GS 4.110:98-613

United States.

[Atlantic Striped Bass Conservation Act] An Act to Provide for the Conservation and Management of Atlantic Striped Bass, and for Other Purposes. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor], 1985.

[5] p. ; 24 cm. Caption title. "Public Law 98-613." "98 Stat. 3187." "Oct. 31, 1984, (H.R. 5492)" ●Item 575 S/N 022-003-96368-5 @ GPO \$1.00

1. Striped bass. 2. Fishery law and legislation—United States. I. Title. OCLC 11773661

85-12633

GS 4.110:98-614

United States.

Reorganization Act Amendments of 1984. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[3] p. ; 24 cm. Caption title: An Act to Extend and Revise the Authority of the President Under Chapter 9 of Title 5, United States Code, to Transmit to the Congress Plans for the Reorganization of the Agencies of the Executive Branch of the Government, and for Other Purposes. "Public Law 98-614." "Nov. 8, 1984, (H.R. 1314)"—P. [1] ●Item 575 S/N 022-003-96369-3 @ GPO 1.00

1. United States—Executive departments—Reorganization. I. Title. II. Title: An Act to Extend and Revise the Authority of the President Under Chapter 9 of Title 5, United States Code, to Transmit to the Congress Plans for the Reorganization of the Agencies of the Executive Branch of the Government, and for Other Purposes. OCLC 11772897

Page 96

85-12634

GS 4.110:98-615

United States.

[Civil Service Retirement Spouse Equity Act of 1984.] An Act to Provide Retirement Equity for Former Spouses of Civil Service Retirees, and for Other Purposes. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984 i.e. 1985]

[26] p. ; 24 cm. Caption title. "Public Law 98-615." "98 Stat. 3195." "Nov. 8, 1984, (H.R. 2300)" ●Item 575 S/N 022-003-96370-7 @ GPO \$1.50

1. Civil service pensions—Law and legislation—United States. 2. Survivors' benefits—United States. 3. Divorced people—Legal status, laws, etc.—United States. I. Title. OCLC 11689355

85-12635

GS 4.110:98-617

United States.

[Act to Amend Part A of Title XVIII of the Social Security Act with Respect to the Payment of Rates for Rountine Home Care and Other Services Included in Hospice Care] Amendment of part A of Title XVIII of the Social Security Act. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1984]

[4] p. ; 24 cm. Caption title: An Act to Amend Part A of Title XVIII of the Social Security Act with Respect to the Payment of Rates for Rountine Home Care and Other Services Included in Hospice Care. "Public Law 98-617." "Nov. 8, 1984, (H.R. 5386)"—P. [1] ●Item 575 S/N 022-003-96372-3 @ GPO \$1.00

1. Terminal care facilities—Law and legislation—United States. 2. Home care services—United States—Finance. 3. Medicare—Law and legislation—United States. I. Title. OCLC 11690191

85-12636

GS 4.110:98-619

United States.

[Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriation Act, 1985] An Act Making Appropriations for the Departments of Labor, Health and Human Services, and Education, and Related Agencies for the Fiscal Year Ending September 30, 1985, and for Other Purposes. —[Washington, D.C.? : U.S. G.P.O. : Supt. of Docs., U.S. G.P.O., distributor, 1985]

[30] p. ; 24 cm. Caption title. "Public Law 98-619." "98 Stat. 3305." "Nov. 8, 1984, (H.R. 6028)" ●Item 575 S/N 022-003-96374-0 @ GPO \$1.50

1. United States. Dept. of Labor 2. United States. Dept. of Health and Human Services 3. United States. Dept. of Education 4. United States—Appropriations and expenditures, 1985. I. Title. OCLC 11723030

## HEALTH AND HUMAN SERVICES DEPARTMENT

Washington, DC 20201

85-12637

HE 1.2:C 73/4/984

HHS Evaluation Documentation Center (U.S.)

Compendium of HHS evaluation studies. —4th ed., spring 1984. —Washington, D.C. : HHS Evaluation Documentation Center, Office of the Assistant Secretary for Planning and Evaluation, U.S. Dept. of Health and Human Services, 1984.

x, 839 p. ; 27 cm. Includes indexes. ●Item 445

1. United States. Dept. of Health and Human Services 2. Federal aid to research—United States—Abstracts. 3.

Evaluation research (Social action programs) — United States — Abstracts. I. Title. OCLC 11072707

85-12638

HE 1.2:P 56

Phoenix Indian Medical Center.

Phoenix Indian Medical Center : drug formulary. — [Washington, D.C.? : U.S. Dept. of Health and Human Services, 1984]

92, 113 p. : forms ; 16 cm. "The formulary represents the agents approved for use by the Pharmacy and Therapeutics Committee." "April 1984." Bibliography: p. 91 (2nd grouping) ●Item 445

1. Phoenix Indian Medical Center. 2. Drugs — Arizona — Catalogs. I. McSherry, Paul V. II. United States. Dept. of Health and Human Services. III. Title. OCLC 11700122

# **SOCIAL SECURITY ADMINISTRATION** **Health and Human Services Dept.** **Baltimore, MD 21235**

85-12639

HE 3.2:Ag 8/984/Norway

International agreement on Social Security between the United States and Norway. — June 1984 ed. — [Baltimore, Md.] : U.S. Dept. of Health and Human Services, Social Security Administration, 1984.

19 p. ; 21 x 9 cm. — (SSA publication ; no. 05-10195) ●Item 516

1. Social security — United States. 2. Social security — Norway. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-10195. OCLC 11688816

85-12640

HE 3.2:D 63/16/984

Register of disability determination services disability medical consultants. — [Baltimore, Md.?] : U.S. Dept. of Health and Human Services, Social Security Administration, Office of Policy, [1984-]

1 v. (loose-leaf) ; 28 cm. — (SSA pub. ; no. 64-087) Cover title. Distributed to depository libraries in microfiche. "July 1984." ●Item 516 (microfiche)

1. Medical consultants — United States. 2. Insurance, Disability — United States. 3. Handicapped — Services for — United States. I. United States. Social Security Administration. Office of Policy. II. Series: DHHS publication ; no. (SSA) 64-087. OCLC 11766002

85-12641

HE 3.2:D 63/19

Improvements in the Social Security disability program. — Oct. 1984 ed. — [Washington, D.C.?] : U.S. Dept. of Health and Human Services, Social Security Administration, [1984]

1 folded sheet (6 p.) ; 21 x 9 cm. — (SSA publication ; no. 05-10375) ●Item 516

1. Social security — United States. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-10375. OCLC 11697719

85-12642

HE 3.2:P 96/25/spanish

Public affairs information package, Spanish version. — [Washington, D.C.?] : U.S. Dept. of Health and Human Services/Social Security Administration, 1982-

1 v. (loose-leaf) : forms ; 27 cm. Spanish text. "Julio '82." ●Item 516

1. Social security — United States. I. United States. Social Security Administration. OCLC 11673808

85-12643

HE 3.2:R 44/985

Your social security rights and responsibilities : retirement and survivors benefits. — Jan. 1985. — Baltimore, Md. : Dept. of Health and Human Services, Social Security Administration, 1984.

23 p. ; 21 cm. — (SSA publication ; no. 05-10077) Cover title. ●Item 516

1. Social security — United States. 2. Old age pensions — United States. I. United States. Social Security Administration. II. Series: DHHS publication ; no. (SSA) 05-10077. OCLC 11646999

85-12644

HE 3.6/3:T 19

Taxation of social security benefits : desk guide. — [Washington, D.C.?] : Social Security Administration, Office of Policy, [1984]

[6] leaves : forms ; 28 cm. — (SSA pub. ; no. 16-001) "November 1984." ●Item 516-C

1. Social security taxes — United States. 2. Social security — United States. I. United States. Social Security Administration. Office of Policy. II. Series: DHHS publication ; no. (SSA) 16-001. OCLC 11691065

85-12645

HE 3.19/2:121

Kestenbaum, Bert.

Primary insurance amount for an average male worker / by Bertram M. Kestenbaum. — [Washington, D.C.] : U.S. Dept. of Health and Human Services, Social Security Administration, [1984]

4 p. : ill. ; 28 cm. — (Actuarial note ; no. 121) (SSA publication ; no. 11-11500) Caption title. Distributed to depository libraries in microfiche. "October 1984." ●Item 516-F (microfiche)

1. Retirement income — United States. 2. Old age pensions — United States. I. United States. Social Security Administration. II. Title. III. Series: Actuarial note (United States. Social Security Administration) ; no. 121. IV. Series: DHHS publication ; no. (SSA) 11-11500. OCLC 11765583

# **PUBLIC HEALTH SERVICE** **Health and Human Services Dept.** **Rockville, MD 20857**

85-12646

HE 20.13:37/2

Who cares enough : Public Health Service nurses. — [Bethesda, Md.?] : Office of the Assistant Secretary for Health, U.S. Public Health Service, Dept. of Health and Human Services, [1984]

16 p. : ill. ; 28 cm. — (CCPM ; no. 37) Cover title. "Oct 1984"—P. [4] of cover. ●Item 483-I

1. Public health nursing — United States. 2. Nurses — United States. I. United States. Office of the Assistant Secretary for Health. II. Series: CCPM pamphlet ; no. 37. OCLC 11527571

85-12647

HE 20.13:58

United States. Public Health Service. Commissioned Personnel Operations Division.

A supervisor's guide to the commissioned personnel system. — [Washington, D.C.?] : Commissioned Personnel Operations Division, Office of Personnel Management, Office of Management, Office of the Assistant Secretary for Health, U.S. Public Health Service, Dept. of Health and Human Services, 1984-

# National Institutes of Health — Health and Human Services Dept.

1 v. (loose-leaf) : ill., forms ; 28 cm. — (CCPM pamphlet ; no. 58) "The Commissioned Corps of the Public Health Service"—Cover. "October 1984." Includes bibliographies and index. ●Item 483-1

1. United States. Public Health Service. Commissioned Corps. I. United States. Public Health Service. Commissioned Corps. II. Title. III. Series. OCLC 11706641

85-12648

HE 20.13/2:50

United States. Public Health Service. Office of Management. The Public Health Service commissioned officers orientation guide, 1984. — [Washington, D.C.?] : U.S. Dept. of Health and Human Services, Public Health Service, Office of Management, [1984]

39 p. ; 28 cm. — (CC pamphlet ; no. 50) Cover title. Includes bibliographical references. ●Item 483-1

1. United States. Public Health Service. 2. Public health personnel—United States. I. Title. II. Series. OCLC 11673800

## NATIONAL INSTITUTES OF HEALTH

Health and Human Services Dept.

Bethesda, MD 20014

85-12649

HE 20.3002:C 46

Chronobiology and the digestive system : proceedings of a meeting held at the University of Minnesota in September 1981. — [Bethesda, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1984.

116 p. : ill. ; 28 cm. — (NIH publication ; no. 84-857) "May 1984." Includes bibliographical references. ●Item 507

1. Digestive organs—Diseases. 2. Gastroenterology. I. National Institutes of Health (U.S.). II. Series: DHHS publication ; no. (NIH) 84-857. OCLC 11522857

85-12650

HE 20.3002:M 27/2

Magnetic resonance imaging / [prepared by the Office of Clinical Reports and Inquiries, Clinical Center]. — [Bethesda, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, [1984]

[7] p. : ill. ; 23 x 11 cm. — (NIH publication ; no. 85-1135) Cover title. "December 1984"—P. [4] of cover. ●Item 507

1. Magnetic resonance. 2. Medical technology. I. National Institutes of Health (U.S.). Office of Clinical Reports and Inquiries. II. Series: DHHS publication ; no. (NIH) 85-1135. OCLC 11750444

85-12651

HE 20.3008:In 3/no.6-A/2

Information and instruction handbook no. VI-A for automatic data processing : definitions and specifications—master files, IMPAC NIH : a computer based information system on the Extramural Programs of NIH. — [Bethesda, Md.?] : Statistics and Analysis Branch, Division of Research Grants, National Institutes of Health, 1984.

viii, 195 p. ; 28 cm. Cover title. "October 1984." ●Item 507-H

1. Management information systems—Handbooks, manuals, etc. 2. Information storage and retrieval systems—Medicine—Handbooks, manuals, etc. I. National Institutes of Health (U.S.). Division of Research Grants. Statistics and Analysis Branch. II. Title: Information and instruction handbook number VI-A for automatic data processing. OCLC 11770018

Page 98

85-12652

HE 20.3009:985

National Institutes of Health (U.S.). Editorial Operations Branch.

NIH publications list / National Institutes of Health, Office of Communications, OD, Division of Public Information, Editorial Operations Branch. Bethesda, Md. : The Branch, N.I.H., Office of the Director, Div. of Public Information, Editorial Operations Br., Bethesda, MD 20014

v. ; 24 cm. (1974-1979, DHEW publication ; no. (NIH)) (NIH publication ; no. 85-7)

Annual

Began with July 1974. Jan. 1985. Description based on: July 1981. Not issued in 1982. ●Item 506-A ISSN 0027-6650 Continues: National Institutes of Health (U.S.). Publications and Reports Branch. NIH publications list ISSN 0027-6650

1. Medicine—Bibliography—Catalogs. Key Title: NIH publications list I. Title. II. Series: DHEW publication ; no. (NIH) III. Series: DHHS publication ; no. (NIH) 85-7. Z6660.U5a 75-642518 //r82 [RA11] 016.61 OCLC 02070912

85-12653

HE 20.3038:C 76

Congestive cardiomyopathy / [Helen Ou, editor]. — Bethesda, Md. : National Institutes of Health, [1984?]

[1] leaf : ill. ; 28 cm. — (The Search for health) Caption title. "55-CC-12/84"—Leaf [1] ●Item 506-H

1. Congestive heart failure. I. Ou, Helen. II. National Institutes of Health (U.S.) III. Series. OCLC 11765784

85-12654

HE 20.3038:C 76/Spanish

Cardiomiopatia congestiva. — Bethesda, Md. : National Institutes of Health, [1984?]

[1] leaf : 28 cm. — (En busca de buena salud) Caption title. "56-CC-12/84-T"—Leaf [1] ●Item 506-H

1. Congestive heart failure. I. National Institutes of Health (U.S.) II. Series: The search for health. Spanish. OCLC 11765790

85-12655

HE 20.3038:Ex 3/2

Exercise and your heart / [Helen Ou, editor]. — Bethesda, Md. : National Institutes of Health, [1984]

[1] leaf : ill. ; 28 cm. — (The Search for health) Caption title. "49-HLBD-11/84"—Leaf [1] ●Item 506-H

1. Heart—Diseases—Prevention. 2. Exercise—Physiological aspects. 3. Physical fitness. I. Ou, Helen. II. National Institutes of Health (U.S.) III. Series. OCLC 11732605

85-12656

HE 20.3038:In 3/984

Influenza. — Bethesda, Md. : National Institutes of Health, [1984?]

[1] leaf : ill. ; 28 cm. — (The Search for health) Caption title. "57-AID-12/84"—Leaf [1] ●Item 506-H

1. Influenza—United States. I. National Institutes of Health (U.S.) II. Series. OCLC 11750156

85-12657

HE 20.3038:In 3/984/Spanish

Influenza. — Bethesda, Md. : National Institutes of Health, [1984?]

[1] leaf : 28 cm. — (En busca de buena salud) Caption title. "58-AID-12/84-T"—Leaf [1] ●Item 506-H

1. Influenza—United States. I. National Institutes of Health (U.S.) II. Series: The Search for health Spanish. OCLC 11750142

85-12658

HE 20.3038:R 33/984

Reye's syndrome. — Bethesda, Md. : National Institutes of Health, [1984?]

[1] leaf : ill. ; 28 cm. — (The search for health) Caption title. "59-NCDS-12/84"—Leaf [1] ●Item 506-H

I. Reye's syndrome. I. National Institutes of Health (U.S.) II. Series: OCLC 11765801

85-12659

HE 20.3038:R 33/984/Spanish

Síndrome de Reye. — Bethesda, Md. : National Institutes of Health, [1984?]

[1] leaf : ill. ; 28 cm. — (En busca de buena salud) Caption title. "60-NCDS-12/84-T"—Leaf [1] ●Item 506-H

I. Reye's syndrome. I. National Institutes of Health (U.S.) II. Series: The Search for health Spanish. OCLC 11750228

# NATIONAL CANCER INSTITUTE Health and Human Services Dept. Bethesda, MD 20014

85-12660

HE 20.3152:C 17/979-80/ind.

Survey of compounds which have been tested for carcinogenic activity / [prepared for the National Cancer Institute by Technical Resources, Inc.] Bethesda, Md. : The Institute ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 x 30 cm. (1951-1972/73: Public Health Service publication ; no. 149) (1968/69-1972/73, 1978: DHEW publication ; no. (NIH)) (1974/75- : NIH publication ; no. 84-2691)

Irregular

\$33.00

Began with 1941. 1979-1980 cumulative indexes. Description based on: 1974-1975. Vol. dated 1941 covers compounds surveyed through 1939; 2nd ed. (dated 1951) covers compounds through 1947; 1st suppl. (1957) covers 1948-1953; 2nd suppl. (1969) covers 1954-1960. Some vols. issued out of chronological order. ●Item 507-G-2 S/N 017-042-00177-3 ISSN 0491-6263

I. Carcinogenicity testing — Indexes. 2. Carcinogens — Indexes. I. National Cancer Institute (U.S.). II. University of Chicago. School of Medicine. III. John I. Thompson and Company. IV. Tracor Jitco, Inc. V. Franklin Research Center. Science Information Services Organization. VI. Technical Resources, Inc. VII. Series: Public Health Service publication VIII. Series: DHEW publication ; no. (NIH) IX. Series: DHHS publication ; no. (NIH) 84-2691. OCLC 03228744

85-12661

HE 20.3152:C 17/979-80/sec.1

HE 20.3152:C 17/979-80/sec.2

Survey of compounds which have been tested for carcinogenic activity / [prepared for the National Cancer Institute by Technical Resources, Inc.] Bethesda, Md. : The Institute ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 x 30 cm. (1951-1972/73: Public Health Service publication ; no. 149) (1968/69-1972/73, 1978: DHEW publication ; no. (NIH)) (1974/75- : NIH publication ; no. 84-2688-84-2689)

Irregular

\$90.00 (2 v. set)

Began with 1941. 1979-1980, section 1; section 2. Description based on: 1974-1975. Vol. dated 1941 covers compounds surveyed through 1939; 2nd ed. (dated 1951) covers compounds through 1947; 1st suppl. (1957) covers 1948-1953; 2nd suppl. (1969) covers 1954-1960. Some vols. issued out of chronological order. ●Item 507-G-2 S/N 017-042-00178-1 (2 v. set) ISSN 0491-6263

I. Carcinogenicity testing — Indexes. 2. Carcinogens — Indexes. I. National Cancer Institute (U.S.). II. University of Chicago. School of Medicine. III. John I. Thompson and Company. IV. Tracor Jitco, Inc. V. Franklin Research Center. Science Information Services Organization. VI. Technical Resources, Inc. VII. Series: Public Health Service publication VIII. Series: DHEW publication ; no. (NIH) IX. Series: DHHS publication ; no. (NIH) 84-2688-84-2689. OCLC 03228744

85-12662

HE 20.3152:M 47

When cancer recurs : meeting the challenge again. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, [1984]

iii, 31 p. : ill. ; 24 cm. — (NIH publication ; no. 85-2709) "October 1984." Includes bibliographical references.

●Item 507-G-2

I. Cancer — United States. 2. Cancer — United States — Psychological aspects. I. National Cancer Institute (U.S.) II. Series: DHHS publication ; no. (NIH) 85-2709. OCLC 11571351

85-12663

HE 20.3158:T 22

Help yourself : tips for teenagers with cancer : user's guide. — Rept. July 1984. — [Bethesda, Md.] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, 1984.

4 p. : ill. ; 23 cm. — (NIH publication ; no. 84-2460)

●Item 507-G-6

I. Cancer — Patients. 2. Tumors in children. I. National Cancer Institute (U.S.) II. Title: Tips for teenagers with cancer. III. Series: DHHS publication ; no. (NIH) 84-2460. OCLC 11686189

85-12664

HE 20.3158:T 23

Pretesting television PSAs : user's guide. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Cancer Institute, [1984]

vii, 70 p. : ill., forms ; 28 cm. — (NIH publication ; no. 85-2670) "October 1984." ●Item 507-G-6

I. Television programs, Public service — United States. I. National Cancer Institute (U.S.) II. Title: Pretesting television P.S.A.s. III. Series: DHHS publication ; no. (NIH) 85-2670. OCLC 11479836

85-12665

HE 20.3166:R 64

Research report: bone marrow transplantation. — [Bethesda, Md.] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1984.

16 p. ; 23 cm. — (NIH publication ; no. 85-1178) At head of title: National Cancer Institute. "January 1985"—P. [4] of cover. Bibliography: p. 15-16 ●Item 507-V

I. Bones — Diseases. 2. Bones — Surgery. 3. Marrow — Transplantation. I. National Cancer Institute (U.S.) II.

**National Institute of Allergy and Infectious Diseases — Health and Human Services Dept.**

Title. III. Series: DHHS publication ; no. (NIH) 85-1178.  
OCLC 11572571

85-12666

HE 20.3173/3:OB-84/04

Selected abstracts on effects of therapy for primary neoplasms on the development of second malignant neoplasms / Anna T. Meadows, consulting reviewer. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; Springfield, Va. : National Technical Information Service [distributor, 1984]

viii, 77 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB) Program of the National Cancer Institute." Distributed to depository libraries in microfiche. "September 1984"—Cover. Includes bibliographical references and indexes. "NCI/ICRDB/OB-84/04"—Cover. ●Item 507-G-16 (microfiche)

1. Tumors—Abstracts. 2. Chemotherapy—Abstracts. I. Meadows, Anna T. II. National Institutes of Health (U.S.) III. International Cancer Research Data Bank. IV. Series. OCLC 11684237

85-12667

HE 20.3173/3:OB-84/05

Selected abstracts on intercellular communication related to neoplasia / James E. Trosko, consulting reviewer. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; Springfield, Va. : National Technical Information Service [distributor, 1984]

ix, 67 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB) Program of the National Cancer Institute." Distributed to depository libraries in microfiche. "September 1984"—Cover. Includes bibliographical references and indexes. "NCI/ICRDB/OB-84/05"—Cover. ●Item 507-G-16 (microfiche)

1. Tumors—Abstracts. I. Trosko, James E. II. International Cancer Research Data Bank. III. Series. OCLC 11684676

85-12668

HE 20.3173/3:OT-84/01

Selected abstracts on neutrons and charged particles in radiotherapy / Moshe H. Maor, consulting reviewer. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; Springfield, Va. : National Technical Information Service [distributor, 1984]

vii, 52 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB) Program of the National Cancer Institute." Distributed to depository libraries in microfiche. "October 1984"—Cover. Includes indexes. NTIS: PB84-922801. "NCI/ICRDB/OT-84/01"—Cover. ●Item 507-G-16 (microfiche)

1. Radiotherapy—Abstracts. 2. Radioisotopes—Therapeutic use—Abstracts. I. Maor, Moshe H. II. National Institutes of Health (U.S.) III. International Cancer Research Data Bank. IV. Series. OCLC 11684219

85-12669

HE 20.3173/3:OT-84/02

Selected abstracts on diagnosis and treatment of testicular cancer / Douglas E. Johnson, consulting reviewer. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health ; Springfield, Va. : National Technical Information Service [distributor, 1984]

viii, 55 p. ; 28 cm. — (Oncology overview) "A service of the International Cancer Research Data Bank (ICRDB) Program of the National Cancer Institute." Distributed to depository libraries in microfiche. "October 1984"—Cover.

Includes indexes. "NCI/ICRDB/OT-84/02"—Cover.

●Item 507-G-16 (microfiche)

1. Testicle—Cancer—Abstracts. 2. Cancer—United States—Diagnosis—Abstracts. I. Johnson, Douglas E. II. International Cancer Research Data Bank. III. Series. OCLC 11684668

85-12670

HE 20.3182/3:D 56

Hamm, Alice Collins.

A followup study of mothers exposed to diethylstilbestrol in pregnancy / Alice C. Hamm. — [Bethesda, Md.] : National Cancer Institute, Office of Cancer Communications, 1984.

6 p. ; 28 cm. — (Update) Caption title. "November 29, 1984." ●Item 507-G-37

1. Diethylstilbestrol. 2. Pregnancy, Complications of—United States. I. National Cancer Institute (U.S.). Office of Cancer Communications. II. Title. III. Series: Update (Bethesda, Md.) OCLC 11688769

**NATIONAL INSTITUTE OF ALLERGY AND INFECTIOUS DISEASES**

**Health and Human Services Dept.  
Bethesda, MD 20014**

85-12671

HE 20.3252:In 8/2

NIAID interferon reagents : a program of the National Institute of Allergy and Infectious Diseases. — [Bethesda, Md.] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1985.

iii, 29 p. ; 28 cm. Cover title. "January 1985." Includes bibliographical references and index. ●Item 505-A-1

1. Interferon. 2. Antiviral agents. I. National Institutes of Health (U.S.) OCLC 11750646

**NATIONAL INSTITUTE OF ARTHRITIS, DIABETES AND DIGESTIVE AND KIDNEY DISEASES**

**Health and Human Services Dept.  
Bethesda, MD 20014**

85-12672

HE 20.3320:Ar 7/984

Arthritis, rheumatic diseases, and related disorders. [Bethesda, Md.] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Institutes of Health, Bethesda, Md. 20205

v. ; 24-28 cm. (-1979, DHEW publication ; no. (NIH)) (NIH publication ; no. 84-1983)

Annual Title from cover. 1984. Description based on: 1981. At head of title, 1979: NIAMDD research advances; 1981: NIADDD research advances. ●Item 506-A-11

1. Arthritis—Research—United States—Periodicals. 2. Rheumatism—Research—United States—Periodicals. 3. Connective tissues—Diseases—Research—United States—Periodicals. 4. Bones—Diseases—Research—United States—Periodicals. I. National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.) II. National Institutes of Health (U.S.) III. National Institute of Arthritis, Metabolism, and Digestive Diseases (U.S.) IV. Series: DHEW publication ; no. (NIH) V. Series: DHHS publication ; no. (NIH) 84-1983. OCLC 05722744

85-12673

HE 20.3320:C 99/984

Cystic fibrosis (National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.))

Cystic fibrosis. [Bethesda, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Institutes of Health, Bethesda, Md. 20205 v. ; 24 cm. (NIH publication ; no. 84-1981)

Annual Title from cover. At head of title (, 1981-): NIADDK research advances. 1984. ●Item 506-A-11 Continues: Cystic fibrosis (National Institute of Arthritis, Metabolism, and Digestive Diseases)

1. Cystic fibrosis — Research — United States — Periodicals. I. National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.) II. National Institutes of Health (U.S.) III. Series: DHHS publication ; no. (NIH) 84-1981. OCLC 07895724

85-12674

HE 20.3320:D 54/984

Diabetes mellitus (National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.))

Diabetes mellitus. [Bethesda, Md.?] : Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1981- National Institutes of Health, Bethesda, Md. 20205

v. ; 24 cm. (NIH publication ; no. 84-1982)

Annual

1981- Title from cover. At head of title, 1981- : Research advances. 1984. ●Item 506-A-11 Continues: Diabetes mellitus (National Institute of Arthritis, Metabolism, and Digestive Diseases)

1. Diabetes — Research — United States — Periodicals. I. National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.) II. National Institutes of Health (U.S.) III. Series: DHHS publication ; no. (NIH) 84-1982. OCLC 07894628

85-12675

HE 20.3320:D 56/984

Digestive diseases. [Bethesda, Md.?] : U.S. Dept. and Human Services, Public Health Service, National Institutes of Health, National Institutes of Health, Bethesda, Md. 20205

v. ; 24-28 cm. (1979, DHEW publication ; no. (NIH)) (NIH publication ; no. 84-1984)

Annual

Began with 1979. Title from cover. At head of title, 1979: NIAMDD research advances; 1981- NIADDK research advances. 1984. Description based on: 1981. ●Item 506-A-11

1. Digestive organs — Diseases — Research — United States — Periodicals. I. National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.) II. National Institutes of Health (U.S.) III. National Institute of Arthritis, Metabolism, and Digestive Diseases (U.S.) IV. Series: DHEW publication ; no. (NIH) V. Series: DHHS publication ; no. (NIH) 84-1984. sn-82021632 OCLC 05758425

85-12676

HE 20.3320:K 54/984

Kidney & urinary tract diseases and treatment / [prepared by the National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases, National Institutes of Health, Public Health Service, U.S. Department of Health and Human Services, in connection with ... appropriations hearings] [Bethesda, Md.?] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases, National Institutes of Health, 9000 Rockville Pike, Bethesda, Md., 20205

v. ; 24-28 cm. (1979, DHEW publication ; no. (NIH)) (NIH publication ; no. 84-1985)

Annual

Began with 1979. Title from cover. At head of title, 1979-19 : NIAMDD research advances; 1981- : NIADDK research advances. 1984. Description based on: 1981. ●Item 506-A-11

1. Kidneys — Diseases — Research — United States — Periodicals. 2. Urinary organs — Diseases — Research — United States — Periodicals. I. National Institutes of Health (U.S.) II. National Institute of Arthritis, Metabolism, and Digestive Diseases (U.S.) III. National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.) IV. Series: DHEW publication ; no. (NIH) V. Series: DHHS publication ; no. (NIH) 84-1985. OCLC 05758367

# NATIONAL INSTITUTE OF CHILD HEALTH AND HUMAN DEVELOPMENT Health and Human Services Dept. Bethesda, MD 20014

85-12677

HE 20.3362/3:P 94/4/985

National Institute of Child Health and Human Development (U.S.). Center for Population Research.

Progress report of the Center for Population Research, National Institute of Child Health and Human Development. [Bethesda, Md.] : The Center, National Institute of Child Health and Human Development, Center for Population Research, Bethesda, Md. 20205

v. ; 28 cm. (CPR population research)

Annual Title from caption. 1985. Description based on: 1983. ●Item 506-D-5 Main series: CPR population research

1. National Institute of Child Health and Human Development (U.S.). Center for Population Research — Periodicals. 2. Population research — United States — Periodicals. I. Title. II. Series. OCLC 06176331

# NATIONAL INSTITUTE OF GENERAL MEDICAL SCIENCES Health and Human Services Dept. Bethesda, MD 20014

85-12678

HE 20.3461:984

Pharmacological Sciences Program (National Institute of General Medical Sciences)

Annual report / National Institute of General Medical Sciences, Pharmacological Sciences Program. [Bethesda, Md.] : The Program, Pharmacological Sciences Program, National Institute of General Medical Sciences, National Institutes of Health, Bethesda, MD 20205

v. ; 28 cm.

## National Institute of Neurological and Communicative Disorders and Stroke — HHS

Annual Title from cover. FY 1984. Description based on: FY 1983. ●Item 497-C-5 Continues: Pharmacological Sciences Program (National Institute of General Medical Sciences) Annual report for fiscal year ...

I. Pharmacology — Abstracts — Periodicals. I. Title. OCLC 10384092

### NATIONAL INSTITUTE OF NEUROLOGICAL AND COMMUNICATIVE DISORDERS AND STROKE

Health and Human Services Dept.  
Bethesda, MD 20014

85-12679

HE 20.3508:G 94

A Guide to the National Institute of Neurological and Communicative Disorders and Stroke, September 30, 1984. — [Bethesda, Md.] : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, [1984]

18 p. : ill. ; 28 cm. — (NIH publication ; no. 85-862) Cover title. "September 1984"—P. [4] of cover. ●Item 507-L-7

I. National Institute of Neurological and Communicative Disorders and Stroke. I. National Institutes of Health (U.S.) II. Series: DHHS publication ; no. (NIH) 85-862. OCLC 11688822

85-12680

HE 20.3513:C 43

The Study of child growth and development and disease patterns in primitive cultures and the laboratories for slow, latent, and temperate virus infections. — Bethesda, Md. : Laboratory of Central Nervous System Studies, National Institute of Neurological and Communicative Disorders and Stroke, National Institutes of Health, 1984.

84, [8] p. : 28 cm. "October 1984." Includes index. ●Item 507-L-4

1. Child development — Bibliography. 2. Children — Diseases — Bibliography. I. National Institute of Neurological and Communicative Disorders and Stroke. Laboratory of Central Nervous System Studies. OCLC 11706597

### NATIONAL INSTITUTE OF ENVIRONMENTAL HEALTH SCIENCES

Health and Human Services Dept.  
12233 Research Triangle Park, NC 27709

85-12681

HE 20.3552:Ex 8

Extramural research and training programs of the National Institute of Environmental Health Sciences. — [Research Triangle Park, N.C.] : National Institutes of Health, Public Health Service, Dept. of Health and Human Services, 1984.

20 p. : 22 cm. Cover title. "August 1984"—P. [4] of cover. ●Item 507-P-1

I. National Institute of Environmental Health Sciences. I. National Institutes of Health (U.S.) OCLC 11691322

### NATIONAL LIBRARY OF MEDICINE

Health and Human Services Dept.  
Bethesda, MD 20209

85-12682

HE 20.3621:L 61

National Library of Medicine. — Bethesda, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Institutes of Health, 1984.

[2] p. : 28 cm. — (Fact sheet.) Caption title. "March 1984." ●Item 508-L

I. National Library of Medicine (U.S.) I. National Institutes of Health (U.S.) II. Series: Fact sheet (National Library of Medicine (U.S.)) OCLC 11688762

### FOOD AND DRUG ADMINISTRATION

Health and Human Services Dept.

Rockville, MD 20857

85-12683

HE 20.4001/2:985

PMS blue book. [Rockville, Md.] : Dept. of Health and Human Services, Food and Drug Administration, Public Health Service,

v. ; 28 cm.

Annual

Began with 1970 issue. FY 85. Description based on: FY 85; title from cover. ●Item 474 ISSN 8755-8408

I. United States. Food and Drug Administration — Administration — Periodicals. I. United States. Food and Drug Administration. PAR 84-649164 353  2 11 OCLC 03307511

85-12684

HE 20.4002:M 46/7

Center for Drugs and Biologics Medical Library. — Rockville, Md. : Medical Library, Center for Drugs and Biologics, U.S. Food and Drug Administration, [1985?]

9, [16] p. : ill. ; 25 cm. ●Item 475

I. Center for Drugs and Biologics (U.S.). Medical Library. I. Center for Drugs and Biologics (U.S.). Medical Library. OCLC 11750810

85-12685

HE 20.4002:P 22

Parklawn Computer Center (U.S.)

Introduction to the Parklawn Computer Center. — [Rev. Aug., 1984] — [Washington, D.C.?] : Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, 1984.

16 p. : ill., forms ; 28 cm. Cover title. ●Item 475

I. United States. Food and Drug Administration. II. Title. OCLC 11691100

### NATIONAL CENTER FOR DEVICES AND RADIOLOGICAL HEALTH

Health and Human Services Dept.  
Rockville, MD 20857

85-12686

HE 20.4615:N 88

Segal, Phyllis, 1927-

Recommendations for quality assurance programs in nuclear medicine facilities / Phyllis Segal, Donald R. Hamilton. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Food and Drug Administration, Center for Devices and Radiological Health ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

vi, 17 p. : 28 cm. — (Radiation recommendations series) (HHS publications ; FDA 85-8227) "October 1984." Includes bibliographical references. ●Item 498-B-15 S/N 017-015-00225-0 @ GPO \$1.50

I. Nuclear medicine — United States. I. Hamilton, Donald R. II. Center for Devices and Radiological Health (U.S.) III. Title. IV. Series: United States. Bureau of Radiological Health. Radiation recommendation series. V. Series: DHHS publication ; no. (FDA) 85-8227. OCLC 11684459

**HEALTH CARE DELIVERY AND  
ASSISTANCE BUREAU**  
Health and Human Services Dept.  
Rockville, MD 20857

85-12687

HE 20.5119/3:984

Family planning grantees, delegates & clinics. Washington, DC : U.S. Dept. of Health and Human Services, Public Health Service, Office of the Assistant Secretary for Health, Office of Population Affairs, National Clearinghouse for Family Planning Information, P.O. Box 2225, Rockville, MD 20852 v. : 28 cm. 1984. Description based on: 1983; title from cover. ●Item 532-E-9 ISSN 0742-1893 Continues: Family planning grantees & clinics ISSN 0730-1375

1. Birth control clinics—United States—States—Directories. 2. Federal aid to birth control—United States—States—Directories. I. United States. Office of the Assistant Secretary for Health. Office of Population Affairs. II. National Clearinghouse for Family Planning Information (U.S.) III. Capital Systems Group, inc. HQ763.D56 84-640298 363.9/6/02573  2 19 OCLC 10266617

**HEALTH RESOURCES ADMINISTRATION**  
Health and Human Services Dept.  
Rockville, MD 20857

85-12688

HE 20.6002:D 26

Public use data tape documentation : multiple cause of death for ICD-9 1981 data. — Hyattsville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Center for Health Statistics, 1984.

1 v. (various pagings) ; 28 cm. Distributed to depository libraries in microfiche. "August 1984." ●Item 507-H-1 (microfiche)

1. Death—Causes—Statistics. I. National Center for Health Statistics (U.S.) OCLC 11766013

**NATIONAL CENTER FOR HEALTH  
STATISTICS**  
Health and Human Services Dept.  
Hyattsville, MD 20782

85-12689

HE 20.6209/3:102

Bachrach, Christine A.

Use of contraception in the United States, 1982 / Christine A. Bachrach and William D. Mosher. — Hyattsville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Center for Health Statistics, [1984]

8 p. : ill. ; 28 cm. — (NCHS advancedata ; no. 102) (DHHS publication ; no. (PHS) 85-1250) Caption title. "December 4, 1984." Includes bibliographical references. ●Item 500-E

1. Contraception—United States. I. Mosher, William D. II. National Center for Health Statistics (U.S.) III. Title. IV. Series. V. Series. OCLC 11737136

85-12690

HE 20.6209/3:103

Horn, Marjorie C.

Use of services for family planning and infertility : United States, 1982 / by Marjorie C. Horn, and William D. Mosher. — Hyattsville, Md. : National Center for Health Statistics, U.S. Dept. of Health and Human Services, Public Health Service, [1984]

8 p. ; 28 cm. — (NCHS advancedata ; no. 103) (DHHS publication ; no. (PHS) 85-1250) Caption title. "December

20, 1984." Includes bibliographical references. ●Item 500-E

1. Birth control—United States—Statistics. 2. Community health services—United States—Statistics. I. Mosher, William D. II. National Center for Health Statistics (U.S.) III. Title. IV. Series. V. Series. OCLC 11765619

85-12691

HE 20.6210:980/v.1

Vital statistics of the United States. Washington, D.C. : United States Bureau of the Census : For sale by the Supt. of Docs., U.S. G.P.O., 1939- Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402

v. : 30 cm. (DHHS publication ; no. (PHS) 85-1100) (-1975, DHEW publication)

Annual  
\$18.00

1937- Separate sections are classed in: HE 20.6210/a: Contents: v. 1. Natality. 1980, v. 1. 1937-1949 issued in 2 pts.; 1950- in 3 v. Supplement for 1955, published 1965, issued by the National Center for Health Statistics, Division of Vital Statistics. ●Item 510 S/N 017-022-00859-9 ISSN 0083-6710 Continues in part: United States. Bureau of the Census. Birth, stillbirth, and infant mortality statistics for the continental United States, the territory of Hawaii, the Virgin Islands Continues in part: United States. Bureau of the Census. Mortality statistics ... annual report Related records: Vital statistics of the United States. Volume 2, Section 5, Life tables ISSN 0276-6302

1. United States—Statistics, Vital—Periodicals. I. United States. Bureau of the Census. Vital Statistics Division. II. United States. National Office of Vital Statistics. III. United States. National Vital Statistics Division. IV. National Center for Health Statistics (U.S.). Division of Vital Statistics. V. Series. VI. Series: DHEW publication. [DNLM 1. Vital Statistics—United States W2A N25VI] HA203.A22 40-026272 //r844 312/.0973  2 19 OCLC 01168068

**NATIONAL CENTER FOR HEALTH  
SERVICES RESEARCH**  
Health and Human Services Dept.  
Rockville, MD 20857

85-12692

HE 20.6512:ln 5

Brand, Donald A.

An X-ray screening protocol for extremity injuries / Donald A. Brand. — Rockville, MD : U.S. Dept. of Health and Human Services, Public Health Service, Office of the Assistant Secretary for Health, National Center for Health Services Research ; [Springfield, VA : Available from National Technical Information Service, 1984]

29 p. : ill. ; 23 cm. — (DHHS publication ; no. (PHS) 84-3347) (NCHSR research report series) Distributed to depository libraries in microfiche. "September 1984." Includes bibliographical references. ●Item 491-B-13 (microfiche)

1. X-rays. 2. Radiography. I. National Center for Health Services Research. II. Title. III. Series. IV. Series. OCLC 11332539

85-12693

HE 20.6512/6:R 29

NCHSR reports available from NTIS. — Rockville, Md. : National Center for Health Services Research, [1984]

11 p. ; 28 cm. — (NCHSR program notes) Caption title. "December 1984." ●Item 491-B-13

# Centers for Disease Control — Health and Human Services Dept.

1. Public health — Research — United States — Bibliography. I. National Center for Health Services Research. II. Series. OCLC 11765606

85-12694

HE 20.6513:18

Cafferata, Gail Lee.

Private health insurance coverage of the medicare population. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, National Center for Health Services Research, [1984]

30 p. : 27 cm. — (NCHSR national health care expenditures study. Data preview ; 18) (DHHS publication ; no. (PHS) 84-3362) "September 1984" — P. [2] of cover. Bibliography: p. 29-30. ●Item 491-B-16

1. Insurance, Health — United States. 2. Medicare. I. National Center for Health Services Research. II. Title. III. Series. IV. Series. OCLC 11686944

85-12695

HE 20.6514:1

Hornbrook, Mark C.

Project overview. — Rockville, MD : U.S. Dept. of Health and Human Services, Public Health Service, Office of the Assistant Secretary for Health, National Center for Health Services Research, 1983.

21 p. : ill. ; 28 cm. — (Hospital Cost and Utilization Project research note ; 1) (DHHS publication ; no. (PHS) 83-3343) Bibliography: p. 20. ●Item 491-B-17

1. Hospitals — United States — Business management. 2. Hospitals — United States — Cost of operation. 3. Hospital utilization — United States. I. National Center for Health Services Research. II. Title. III. Series. IV. Series. [DNLM 1. Hospitals — United States] OCLC 10409318

## CENTERS FOR DISEASE CONTROL Health and Human Services Dept. Atlanta, GA 30333

85-12696

HE 20.7002:D 45/3

Peavy, J. Virgil.

Descriptive statistics : tables, graphs, & charts / [J. Virgil Peavy, William W. Dyal, Donald L. Eddins]. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, 1981-

I v. (loose-leaf) : ill. ; 28 cm. Cover title. "Reprinted May 1981" — T.p. verso. Includes bibliographical references. "00-1834." ●Item 504

1. Medical statistics. 2. Graphic methods. I. Dyal, William W. II. Eddins, Donald L. III. Centers for Disease Control (U.S.) IV. Title. OCLC 11688776

85-12697

HE 20.7002:M 31

Management skills for infection control nurses, March 4-15, 1985, Centers for Disease Control, Atlanta, Georgia. — Atlanta, Ga. : The Centers, 1984.

[10] p. : 1 form ; 22 cm. ●Item 504

1. Infection — Prevention. I. Centers for Disease Control (U.S.) OCLC 11729982

85-12698

HE 20.7009:33/supp.

Health information for international travel. Atlanta, Ga. : U.S. Dept. of Health, Education, and Welfare, Public Health Service, Center for Disease Control, Bureau of Epidemiology ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., [1974- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. ; 23 cm. (1974-1979: DHEW publication ; no. (CDC)) (HHS publication ; no. (CDC) 84-8280)

Annual

\$4.25

1974- 1984. ●Item 508-A S/N 017-023-00169-8 ISSN 0095-3539 Supplement to: Morbidity and mortality weekly report ISSN 0149-2195

1. Travel — Hygienic aspects — Periodicals. 2. Vaccination — Periodicals. I. Center for Disease Control. Bureau of Epidemiology. II. Center for Disease Control. Quarantine Division. III. Center for Prevention Services (U.S.). Quarantine Division. IV. Series: DHEW publication ; no. (CDC) V. Series: DHHS publication ; no. (CDC) 84-8280. [DNLM 1. Communicable Disease Control — periodicals. 2. Travel — periodicals. 3. Vaccination — periodicals. W2 A C17H] RA783.5.C45a 77-649068 //r81 614.4/2/02491 OCLC 02905736

85-12699

HE 20.7021/3-2:1-6

Principles of epidemiology : principles of epidemiology homes-tudy course 3030-G. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1977]

6 v. : ill. ; 28 cm. "A CDC Bureau of Training Publication, Instructional Services Division." "Center for Professional Development and Training"—Cover. Contents: Manual 1. Agent, host, environment — Manual 2. Measures of central tendency — Manual 3. Statistical measures used in epidemiology — Manual 4. Methods for organizing epidemiological data — Manual 5. Disease surveillance — Manual 6. Investigation of disease outbreaks. Originally issued Feb. 1977, reprinted August 1981-April 1982. ●Item 504-C (microfiche)

1. Epidemiology. I. Centers for Disease Control (U.S.). Center for Professional Development & Training. OCLC 11664347

85-12700

HE 20.7026:P 27/2

Current awareness in patient education. — Atlanta, GA : Dept. of Health & Human Services, Public Health Service, Centers for Disease Control, 1984.

iv, 98 p. : 28 cm. — (Memorandum) "September 1981." Includes indexes. ●Item 504-F

1. Patient education — United States — Abstracts. I. Centers for Disease Control (U.S.) II. Series: Memorandum (Centers for Disease Control (U.S.)) [DNLM 1. Patient Education — Abstracts] OCLC 08198118

85-12701

HE 20.7026:Sch 6

Current awareness in school health education. — [Atlanta, Ga.] : Dept. of Health & Human Services, Public Health Service, Centers for Disease Control, 1984.

iv, 103 p. : 28 cm. — (Memorandum) Caption title. "September 1981." Includes indexes. ●Item 504-F

1. Health education — United States — Bibliography. I. Centers for Disease Control (U.S.) II. Series: Memorandum (Centers for Disease Control (U.S.)) OCLC 09863113

85-12702

HE 20.7026:V 55

VD interchange. — Atlanta, GA : Dept. of Health & Human Services, Public Health Service, Centers for Disease Control, 1983.

19 p. ; 28 cm. Caption title. "March 1983." ●Item 504

1. Venereal diseases—United States. I. Centers for Disease Control (U.S.) OCLC 11691117

85-12703

HE 20.7030:00-4164

Conducting surveillance of infections : criterion test. — [Atlanta, Ga.] : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1983-]

1 v. (loose-leaf) : forms ; 28 cm. — (Management skills for ICNs ; module 4.0) Distributed to depository libraries in microfiche. "June 1983." "00-4164"—Cover. ●Item 504-E (microfiche)

1. Communicable diseases—United States. 2. Diseases—Reporting—United States. I. Centers for Disease Control (U.S.) II. Series. OCLC 11684247

85-12704

HE 20.7030:00-4165

Investigating infection problems : criterion test. — [Atlanta, Ga.] : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, [1983-]

1 v. (loose-leaf) : ill., forms ; 28 cm. — (Management skills for ICNs ; module 5.0) Distributed to depository libraries in microfiche. "June 1983." "00-4165"—Cover. ●Item 504-E (microfiche)

1. Communicable diseases—United States. 2. Diseases—Reporting—United States. I. Centers for Disease Control (U.S.) II. Series. OCLC 11684253

85-12705

HE 20.7030:00-4166

Conducting an initial assessment : feedback for criterion test. — [Atlanta, Ga.] : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, 1984-

1 v. (loose-leaf) : forms ; 28 cm. — (Management skills for ICNs ; module 1.0) Distributed to depository libraries in microfiche. "June 1983, reprinted September 1984." "00-4166"—Cover. ●Item 504-E (microfiche)

1. Communicable diseases—United States. 2. Diseases—Reporting—United States. I. Centers for Disease Control (U.S.) II. Series. OCLC 11684257

# CENTER FOR ENVIRONMENTAL HEALTH Atlanta, GA 30333

85-12706

HE 20.7610:C 73

Community health education resources. — Atlanta, Ga. : U.S. Dept. of Health and Human Services, Public Health Service, Centers for Disease Control, Center for Health Promotion and Education ; Springfield, Va. : National Technical Information Service [distributor], 1984.

20 p. ; 22 cm. Caption title. ●Item 494-H-1

1. Community health services—United States—Bibliography. I. Center for Health Promotion and Education (U.S.) OCLC 11664304

## NATIONAL INSTITUTE OF MENTAL HEALTH

Health and Human Services Dept.  
Rockville, MD 20857

85-12707

HE 20.8102:A4 7/2

Adolescence and depression. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, [1984]

1 portfolio : col. ill. ; 32 cm. — (DHHS publication ; no. (ADM) 84-1337) "National Institute of Mental Health." Includes bibliographical references. ●Item 507-B-5

1. Depression in children. 2. Adolescent psychology—United States. I. National Institute of Mental Health (U.S.) II. Series. OCLC 11691072

85-12708

HE 20.8102:M 77/2

Rosenthal, Norman E.

Seasonal effects on mood : the role of light / Norman E. Rosenthal, David A. Sack, Thomas A. Wehr. — [Bethesda, MD : National Institute of Mental Health], 1984.

7 p. : ill. ; 23 cm. "Submitted to: Encyclopedia of Neuroscience, May, 1984." ●Item 507-B-5

1. Mood (Psychology) 2. Mental health—United States. I. Sack, David A. II. Wehr, Thomas A. III. National Institute of Mental Health (U.S.) IV. Title. OCLC 11688786

85-12709

HE 20.8102:Se 1

Seasonal affective disorder and phototherapy / Norman E. Rosenthal ... [et al.]. — Bethesda, MD : National Institute of Mental Health, 1984.

16 p. : ill. ; 23 cm. "Presented at New York Academy of Sciences, November, 1984." Includes bibliographical references. ●Item 507-B-5

1. Depression, Mental—United States. 2. Women—Mental health—United States. I. National Institute of Mental Health (U.S.) OCLC 11765980

85-12710

HE 20.8110:2:BN/5

Program performance measurement : demands, technology, and dangers / edited by Charles Windle. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Division of Biometry and Epidemiology, 1984.

viii, 138 p. : ill. ; 28 cm. — (Mental health service system reports. Series BN, Needs assessment and evaluation ; no. 5) (DHHS publication ; no. (ADM) 84-1357) Distributed to depository libraries in microfiche. Includes bibliographies. ●Item 491-A (microfiche)

1. Mental health planning—United States. 2. Mental health services—United States—Administration. I. Windle, Charles D. II. National Institute of Mental Health (U.S.) Division of Biometry and Epidemiology. III. Series. IV. Series. OCLC 11766118

85-12711

HE 20.8116:166

Redick, Richard W., 1926-

State and county mental hospitals, United States, 1980-81 and 1981-82 / Richard W. Redick, and Michael J. Witkin. — Rockville, MD : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health,

## National Institute on Drug Abuse — Health and Human Services Dept.

Division of Biometry and Epidemiology, Survey and Reports Branch, [1984-]

I v. (loose-leaf) : maps ; 28 cm. — (Mental health statistical note ; no. 166) (DHHS publication ; no. (ADM) 84-158) Caption title. Distributed to depository libraries in microfiche. "September 1984." Includes bibliographical references. ●Item 507-B-12 (microfiche)

1. Psychiatric hospitals—United States—Statistics. 2. Mentally ill—United States—Statistics. I. Witkin, Michael J. II. National Institute of Mental Health (U.S.). Division of Biometry and Epidemiology. Survey and Reports Branch. III. Title. IV. Series. V. Series. OCLC 11765546

85-12712

HE 20.8116:167

Redick, Richard W., 1926-

Distribution of psychiatric beds, United States and each state, 1982 / Richard W. Redick, Michael J. Witkin, and Helen Bethel. — Rockville, MD : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute of Mental Health, Division of Biometry and Epidemiology, Survey and Reports Branch ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., [1984-]

I v. (loose-leaf) : maps ; 28 cm. — (Mental health statistical note ; no. 167) (DHHS publication ; no. (ADM) 84-158) Caption title. Distributed to depository libraries in microfiche. "September 1984." Includes bibliographical references. ●Item 507-B-12 (microfiche) S/N 017-024-01215-7 @ GPO \$1.50

1. Psychiatric hospitals—United States—Statistics. 2. Mentally ill—United States—Statistics. I. Witkin, Michael J. II. Bethel, Helen. III. National Institute of Mental Health (U.S.). Division of Biometry and Epidemiology. Survey and Reports Branch. IV. Title. V. Series. VI. Series. OCLC 11765559

## NATIONAL INSTITUTE ON DRUG ABUSE

Health and Human Services Dept.

Rockville, MD 20857

85-12713

HE 20.8202:M 33/984

For parents only : what you need to know about marijuana. — Rev. 1981. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute on Drug Abuse ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

iv, 26 p. : col. ill. ; 21 cm. — (DHHS publication ; no. (ADM) 84-909) Includes bibliographical references. ●Item 467-A-1 S/N 017-024-01203-3 @ GPO \$1.50

1. Marijuana. 2. Youth—Drug use—Prevention. I. National Institute on Drug Abuse. II. Series. OCLC 11770415

## NATIONAL INSTITUTE ON ALCOHOL ABUSE AND ALCOHOLISM

Health and Human Services Dept.

Rockville, MD 20857

85-12714

HE 20.8316:981-82

Report to the U.S. Congress on federal alcohol-related activities. Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, U.S. Dept. of Health and Human Services, Public Health Service, Alcohol, Drug Abuse, and Mental Health Administration, National Institute on Alcohol Abuse and Alcoholism, 5600 Fishers Lane, Rockville, Md. 20857 v. : ill. ; 28 cm.

Annual

FY-1980- Cover title: Report to the United States Congress on federal activities on alcohol abuse and alcoholism (1980-) FY 1981/82. ●Item 498-C-11 Continues: Report to the United States Congress on federal activities on alcohol abuse and alcoholism ISSN 0276-9255

1. Alcoholics—Law and legislation—United States—Periodicals. 2. Alcoholism—Treatment—Law and legislation—United States—Periodicals. 3. Alcoholism—United States—Prevention—Periodicals. I. National Institute on Alcohol Abuse and Alcoholism (U.S.) OCLC 08576796

## HEALTH RESOURCES AND SERVICES ADMINISTRATION

Health and Human Services Dept.

Rockville, MD 20857

85-12715

HE 20.9002:Em 7

United States. Health Resources and Services Administration. HRSA significant employment profile highlights. — [Washington, D.C.] : U.S. Dept. of Health & Human Services, Public Health Service, Health Resources and Services Administration, [1984?]

[8] p. ; 23 x 21 cm. folded to 23 x 11 cm. ●Item 507-H-17

1. United States. Health Resources and Services Administration I. Title. II. Title: H.R.S.A. significant employment profile highlights. OCLC 11697706

## HEALTH CARE DELIVERY AND ASSISTANCE BUREAU

Health and Human Services Dept.

Rockville, MD 20857

85-12716

HE 20.9108:C 43

Developing childhood injury prevention programs : an administrative guide for state maternal and child health (Title V) programs / submitted to Department of Health and Human Services, Health Resources and Service Administration, Division of Maternal and Child Health and Office of Planning, Evaluation and Legislation under contract number 24-81-0031. — Silver Spring, Md. : Birch & Davis Associates, Inc., 1983.

179 p. : ill. ; 28 cm. "Bureau of Health Care Delivery and Assistance"—Cover. "February 1983." Bibliography: p. 177-179. ●Item 532-E-12

1. Children—United States—Wounds and injuries—Prevention. 2. Children's accidents—United States—Prevention. I. United States. Bureau of Health Care Delivery and Assistance. Division of Maternal and Child Health. II.

United States. Health Resources and Services Administration.  
Office of Planning, Evaluation, and Legislation. III. Birch &  
Davis Associates. OCLC 10865793

**HEALTH PROFESSIONS BUREAU**  
**Health and Human Services Dept.**  
**Rockville, MD 20857**

85-12717

HE 20.9302:N 93/3

Special projects for improvement in nurse training : a listing, June 1978 to September 1983. — Rockville, Md. : U.S. Dept. of Health and Human Services, Public Health Service, Health Resources and Services Administration, Bureau of Health Professions, Division of Nursing, 1984.

53 p. ; 28 cm. "Report 84-1." ●Item 507-J-1

1. Federal aid to nursing education—United States. I. United States. Health Resources and Service Administration. Division of Nursing. OCLC 11688790

**HEALTH CARE FINANCING**  
**ADMINISTRATION**  
**Health and Human Services Dept.**  
**Washington, DC 20201**

85-12718

HE 22.25:984

National listing of providers furnishing kidney dialysis and transplant services / HCFA, Bureau of Support Services. [Baltimore, Md.] : Dept. of Health and Human Services, Health Care Financing Administration ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 22-28 cm. (HCFA pub. ; no. 03175)

Annual

\$7.00

Began with Jan. 1981. 1984. Description based on: Jan. 1982; title from cover. ●Item 512-A-27 S/N 017-060-00159-3 ISSN 0882-0015 Continues: Renal provider list ISSN 0195-8771

1. Hemodialysis—Directories. 2. Kidneys—Transplantation—Directories. 3. Peritoneal dialysis—Directories. I. United States. Health Care Financing Administration. Bureau of Support Services. II. Series: DHHS publication ; no. (HCFA) 03175. [DNLM 1. Hemodialysis—United States—directories. 2. Kidney—transplantation—United States—directories. 3. Peritoneal Dialysis—United States—directories. WJ 22AA1 R3] PAR 85-640311 OCLC 08791853

**HUMAN DEVELOPMENT SERVICES OFFICE**  
**Health and Human Services Dept.**  
**Washington, DC 20201**

85-12719

HE 23.2:In 7

Instructions for applying for federal assistance from HDS programs. — Rev. 10/84. — [Washington, D.C.?] : Dept. of Health and Human Services, Office of Human Development Services, 1984.]

14 p. ; 28 cm. Caption title. Running title: HDS application instructions. "Rev. 10/84"—P. 1. "Expires: 2/85, Clearance pending: 2/88." "OMB 0980-0016." ●Item 529-B-6

1. Federal aid to health maintenance organizations—United States. I. United States. Office of Human Development Services. II. Title: HDS application instructions. OCLC 11706623

**HEAD START BUREAU**  
**Health and Human Services Dept.**  
**Washington, DC 20201**

85-12720

HE 23.1102:Ex 7/3

Exploring parenting / developed by Roy Littlejohn Associates, Inc. — [Washington, D.C.] : U.S. Dept. of Health and Human Services, Office of Human Development Services, 1984.

1 v. (various pagings) ; 28 cm. — (DHHS publication ; no. (OHDS) 84-31134) Cover title. "Adapted from Exploring Childhood Program, Education Development Center, Inc." "Head Start Bureau, HEW 105-76-1178 ; issued 1978, reprinted 1979, 1980, 1982, 1983, 1984." ●Item 499-G-2

1. Parenting. 2. Parent and child. 3. Child rearing. I. Roy Littlejohn Associates. II. United States. Office of Human Development Services. III. Series. OCLC 11770505

**AGING ADMINISTRATION**  
**Health and Human Services Dept.**  
**Washington, DC 20201**

85-12721

HE 23.3002:H 75

Developing models and public education in home equity conversion for a rural state : final report of Maine's Home Equity Conversion Task Force / authors, Patricia Riley ... [et al.]. — Augusta, ME : Dept. of Human Services, Bureau of Maine's Elderly, [1984]

124 p. : forms ; 28 cm. "Supported, in part, by award number 90AR0043, from the Administration on Aging, Office of Human Development Services, Dept. of Health and Human Services." Distributed to depository libraries in microfiche. "July 1984." ●Item 447-A-1 (microfiche)

1. Mortgages—Maine. 2. Housing, Rural—Maine—Finance. I. Riley, Patricia, 1951- II. Maine's Home Equity Conversion Task Force. III. Maine. Bureau of Maine's Elderly. IV. United States. Administration on Aging. OCLC 11780191

**HOUSING AND URBAN DEVELOPMENT**  
**DEPARTMENT**  
**Washington, DC 20410**

85-12722

HH 1.1/2:984-1

United States. Dept. of Housing and Urban Development. Office of Inspector General.

Office of Inspector General report to the Congress for the six month period ... / U.S. Department of Housing and Urban Development, Office of the Inspector General. [Washington, D.C.] : The Office, Dept. of Housing and Urban Development, Office of Inspector General, Washington, D.C. 20410 v. ; 28 cm.

Semiannual

Began with Oct. 1978-Mar. 1979. Title from cover. "Pursuant to section 5(b) of Public Law 95-452." Apr. 1 to Sept. 30, 1984. Description based on: Apr. 1 to Sept. 30, 1979. Vols. for (Apr.-Sept. 1983-) also called no. 10- Vols. for 1979- distributed to depository libraries in microfiche. ●Item 581-H (microfiche) ISSN 0195-8305

1. United States. Dept. of Housing and Urban Development. I. United States. Dept. of Housing and Urban Development. Office of Inspector General. Report to the Congress.

## Interior Department

Key Title: Office of Inspector General report to the Congress  
II. Title. HT167.2.U53g 79-644431 //r83 353.85 OCLC  
05629242

85-12723

HH 1.2:En 2/22/983

Luebs, Donald F.

Demonstration and evaluation of energy efficient systems for residential structures : the energy efficient residence (EER-2) : final report / prepared by Donald F. Luebs for Department of Housing and Urban Development. — Washington, D.C. : U.S. Department of Housing and Urban Development, Office of Policy Development and Research, 1984.

xii, 111 p. : ill., plans ; 27 cm. "NAHB Research Foundation." Cover title: EER-2 energy efficient residence research results. "October 1983." "July 1984"—P. [4] of cover. No longer available for sale by the Supt. of Docs. "Contract no. H-2832." "HUD-PDR-904"—P. [4] of cover. ●Item 582 S/N 923-000-00703-7 @ GPO

1. Architecture and energy conservation—United States. 2. House construction—Energy conservation. 3. Household appliances—Energy conservation. I. United States. Dept. of Housing and Urban Development II. NAHB Research Foundation. III. Title. IV. Title: EER-2 energy efficient residence research results. V. Title: Energy efficient residence (EER-2). OCLC 11083934

85-12724

HH 1.2:R 31/20/sum.

Brown and Caldwell.

Residential water conservation projects : summary report / prepared by Brown and Caldwell ; for U.S. Department of Housing and Urban Development, Office of Policy Development and Research, Building Technology Division. — Washington, D.C. : The Division, 1984.

65 p. in various pagings : ill. ; 28 cm. "June 1984." "July 1984"—P. [4] of cover. Includes bibliographical references. "HUD-PDR-903"—P. [4] of cover. ●Item 582

1. Water conservation—United States. 2. Dwellings—United States—Energy conservation. 3. Water-supply—United States. I. United States. Division of Building Technology. OCLC 11083475

85-12725

HH 1.80:983

United States. Dept. of Housing and Urban Development. Office of the Special Assistant to the Secretary for Indian and Alaska Native Programs.

Department of Housing and Urban Development annual report to Congress on Indian and Alaska native housing and community development programs. Washington, Office of the Special Assistant to the Secretary for Indian and Alaska Native Programs. U.S. Dept. of Housing and Urban Development, Washington, D.C. 20410  
v. 28 cm.

1978/79- Cover title: Annual report to Congress. Indian and Alaska native housing and community development programs 1978/79- 1983. Report year ends Sept. 30. Vols. for (1983-) distributed to depository libraries in microfiche. Continues: United States. Dept. of Housing and Urban Development. Annual report to Congress. Indian and Alaska native housing and community development programs. ●Item 581-E-29 (microfiche) ISSN 0271-1753

1. Indians of North America—Housing—Periodicals. 2. Indians of North America—Economic conditions—Periodicals. 3. Community development—United States—Periodicals. 4. United States. Dept. of Housing and Urban Development—Periodicals. 5. Eskimos—Housing—Periodicals. I. United States. Dept. of Housing and Urban Development. Office of the Special Assistant to the Secretary for Indian and

Alaska Native Programs. Annual report to Congress on Indian and Alaska native housing and community development programs. II. United States. Dept. of Housing and Urban Development. Office of the Special Assistant to the Secretary for Indian and Alaska Native Programs. Indian and Alaska native housing and community development programs. III. Title. E98.H58U55a 80-644462 363.5/9 OCLC  
06369257

## INTERIOR DEPARTMENT

Washington, DC 20240

85-12726

I 1.1/6:986

United States. Dept. of the Interior.

The Interior budget in brief / United States, Department of the Interior. [Washington, D.C.] : The Department, U.S. Dept. of the Interior, Washington, D.C., 20240  
v. ; 28 cm.

Annual Description based on: Fiscal year 1985; title from cover. Report covers fiscal year 1986. ●Item 600-C ISSN 0743-2844 Continues: United States. Dept. of the Interior. Budget highlights

1. United States. Dept. of the Interior I. Title. JK864.D46a 84-641990 //r84 353.3  2 19 OCLC  
10524108

85-12727

I 1.98:C 49/draft

Draft environmental impact statement on the Circle Cliffs combined hydrocarbon lease conversion / prepared by Bureau of Land Management. — [Cedar City, Utah] : The Bureau, 1984.

1 v. (various pagings) : ill., maps ; 28 cm. Cover title: Circle Cliffs combined hydrocarbon lease conversion. "November 1984." Bibliography: p. 7-1 - 7-2. ●Item 603-G (short)

1. Oil and gas leases—Utah—Garfield County. 2. Hydrocarbons—Environmental aspects—Utah—Garfield County. 3. Oil sands—Environmental aspects—Utah—Garfield County. I. United States. Bureau of Land Management. II. Title: Circle Cliffs combined hydrocarbon lease conversion. OCLC 11542035

85-12728

I 1.98:J 61/2/final

Proposed John Day resource management plan and final environmental impact statement / prepared by Burns District Office, Bureau of Land Management, U.S. Department of the Interior. — Burns, Or. : The Office, 1984.

x, 45 p. : ill., maps ; 28 cm. "BLM-OR-ES-85-4410"—P. [4] of cover. ●Item 603-G

1. Grazing districts—Oregon. 2. Oregon—Public lands. I. United States. Bureau of Land Management. Burns District. OCLC 11544936

85-12729

I 1.98:P 56/3/draft

Proposed wilderness program for the Phoenix Wilderness EIS area : Maricopa, Mohave, Pima, Pinal and Yavapai Counties, Arizona / prepared by The Department of the Interior, Bureau of Land Management, Phoenix District. — [Phoenix, Ariz.] : The District, [1984]

ix, 139 p. : ill., maps ; 28 cm. At head of title: Draft environmental impact statement. Cover title: Phoenix draft wilderness environmental impact statement. Spine title: Phoenix draft wilderness EIS. Bibliography: p. 137. Includes index. One folded colored map in pocket. "BLM AZ-ES-84-001-8500"—P. [3] of cover. ●Item 603-G

1. Land use—Environmental aspects—Arizona. 2. Wilderness areas—Arizona. 3. Wildlife conservation—Arizona. 4. Conservation of natural resources—Arizona. I. United States. Bureau of Land Management. Phoenix District Office. II. Title: Draft environmental impact statement. III. Title: Phoenix draft wilderness environmental impact statement. IV. Title: Phoenix draft wilderness EIS. OCLC 11531412

85-12730

I 1.98:Su 7/6/draft/air rp./v.1

Draft air quality analysis for the combined hydrocarbon EIS, eastern and south-central Utah — Sunnyside STSA / Submitted to U.S. Department of the Interior, Bureau of Land Management, Utah State Office. — Salt Lake City, Utah : The Office, 1983-

v. : ill., forms ; 28 cm. — (Aerocomp document ; 33 TR 03) Cover title: Sunnyside combined hydrocarbon lease conversion. "Prepared by Aerocomp, Inc."—Cover. "September 1983." Bibliography: p. 128-133. ●Item 603

1. Air quality—Utah. 2. Hydrocarbons—Environmental aspects—Utah. 3. Oil sands—Environmental aspects—Utah. I. United States. Bureau of Land Management. Utah State Office. II. Aerocomp, Inc. III. Title: Sunnyside combined hydrocarbon lease conversion. IV. Series. OCLC 11697727

85-12731

I 1.98:Ut 1/3/scope

Scoping the Utah statewide wilderness environmental impact statement. — Salt Lake City, Utah : U.S. Dept. of the Interior, Bureau of Land Management, Utah State Office, 1984.

i, 49 p. : ill. ; 28 cm. Cover title. "Public scoping issues & alternatives." ●Item 603-G

1. Wilderness areas—Utah. I. United States. Bureau of Land Management. Utah State Office. OCLC 11684267

85-12732

I 1.98:W 52/5/final

Westmoreland Resources' Absaloka Mine revised plan : final environmental impact statement. — Helena, MT : Montana Dept. of State Lands ; Denver, CO : U.S. Office of Surface Mining, [1984]

1 v. (various pagings) : ill., maps ; 28 cm. Spine title: Absaloka Mine, revised plan-final environmental impact statement OSM-EIS-16. "December 1984." Bibliography: p. VII - VII-8. "OSM-EIS-16." ●Item 603-G

1. Coal mines and mining—Environmental aspects—Montana—Big Horn County. I. Montana. Dept. of State Lands. II. United States. Office of Surface Mining, Reclamation, and Enforcement. III. Title: Absaloka Mine, revised plan. OCLC 11765710

85-12733

I 1.100:982

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act. [Washington, D.C.] : U.S. Dept. of the Interior, Bureau of Land Management, U.S. Dept. of the Interior, Bureau of Land Management, 18th and C St. N.W., Washington, DC 20240

v. : ill. ; 28 cm. 4th, June 1982. Description based on: 3rd (June 1980). Vols. for (1982-) distributed to depository libraries in microfiche. ●Item 601-J (microfiche) ISSN 0739-3989 Continues: Report to Congress by the Secretary of the Interior and the Secretary of Agriculture on administration of the Wild Free-Roaming Horse and Burro Act, Public law 92-195 ISSN 0739-4071 (DLC) 83641009

1. Wild horses—Government policy—United States—Periodicals. 2. Donkeys—Government policy—United States—Periodicals. 3. Wild horses—Control—Government policy—United States—Periodicals. 4. Donkeys—

Control—Government policy—United States—Periodicals. 5. Wild horses—Law and legislation—United States—Periodicals. 6. Donkeys—Law and legislation—United States—Periodicals. 7. United States—Public lands—Periodicals. 8. Horses—Law and legislation—United States—Periodicals. 9. Donkeys—Law and legislation—United States—Periodicals. 10. United States—Public lands—Periodicals. I. United States. Bureau of Land Management. II. United States. Forest Service. SF360.3.U6R46 83-644553 353.0082/328  2 19 OCLC 08134916

## GEOLOGICAL SURVEY

Interior Dept.

Reston, Va. 22092

Maps of areas East of the Mississippi River, including Minnesota, Puerto Rico, and Virgin Islands, the Moon and Mars, may be purchased from: Eastern Distribution Branch, U.S. Geological Survey, 1200 South Eads Street, Arlington, VA 22202. Maps of areas West of the Mississippi River, including Hawaii, Louisiana, Alaska, Guam, Samoa, and other Pacific American Islands may be purchased from: Western Distribution Branch, U.S. Geological Survey, Box 25286, Federal Center, Bldg. 41, Denver, CO 80255. To order topographic maps give name and scale, e.g. Fairfax, VA, 1:24,000. To order earth science maps give series identification and number, e.g. GQ-851. A 50% discount is allowed for orders over \$500, and a \$1 postage and handling charge is applicable to orders less than \$10.

85-12734

I 19.2:M 27/3

Dzurisin, Daniel.

Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 / Daniel Dzurisin, Robert Y. Koyanagi and Thomas T. English. — [Washington, D.C.] : U.S. Geological Survey, 1984.

p. 177-206 : ill., maps ; 25 cm. Caption title. Reprinted from: Journal of volcanology and geothermal research, 21 (1984) "Revised and accepted December 4, 1983." Bibliography: p. 204-206. ●Item 621

1. Kilauea Volcano (Hawaii) 2. Volcanic activity prediction. 3. Volcanoes—Hawaii. I. Koyanagi, Robert Y., 1934- II. English, Thomas T. III. Geological Survey (U.S.) IV. Title. OCLC 11766153

85-12735

I 19.2:M 86/2

Tilling, Robert I.

Eruptions of Mount St. Helens : past, present, and future / by Robert I. Tilling. — [Resatton, Va.?] : Dept. of the Interior, U.S. Geological Survey : Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

46 p. : ill. (chiefly col.), maps (chiefly col.) ; 22 x 28 cm. Bibliography: p. 46. ●Item 621 S/N 024-001-03527-8 @ GPO \$2.75

1. Saint Helens, Mount (Wash.)—Eruption, 1980. 2. Volcanoes—Washington (State) 3. Volcanoes—Washington (State) I. Geological Survey (U.S.) II. Title. OCLC 11412927

85-12736

I 19.3:1529-A

Nilsen, Tor Helge.

Stratigraphic nomenclature for the upper Devonian and lower Mississippian (?) Kanayut Conglomerate, Brooks Range, Alaska / by Tor H. Nilsen and Thomas E. Moore. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey : Alexandria, VA. : For sale by the Distribution Branch, U.S. Geological Survey, 1984.

# Geological Survey — Interior Dept.

iv, 64 p. : ill., maps ; 24 cm. — (U.S. Geological Survey bulletin ; 1529-A) Bibliography: p. 63-64. ●Item 620

1. Conglomerate — Alaska — Brooks Range. 2. Geology, Stratigraphic — Devonian. 3. Geology, Stratigraphic — Mississippian. I. Moore, Thomas E. II. Title. III. Series. QE75.B9 no. 1529-A 84-600062 [QE471.15.C6] 557.3 s [551.7/4/097986 e2 19] OCLC 10712213

85-12737

I 19.13:1606

Sargent, Kenneth A.

Sand-calcite crystals from Garfield County, Utah / by K.A. Sargent and H.D. Zeller. — [Reston, Va.]: U.S. Dept. of the Interior, Geological Survey ; Alexandria, Va. : For sale by Distribution Branch, USGS, 1984.

iii, 15 p. : ill., maps ; 28 cm. — (U.S. Geological Survey bulletin ; 1606) Bibliography: p. 3. ●Item 620

1. Calcite crystals. 2. Calcite — Utah — Garfield County. I. Zeller, H. D. (Howard Davis), 1922- II. Geological Survey (U.S.) III. Title. IV. Series. QE75.B9 no. 1606 83-600234 [QE391.C2] 557.3 s [549/.782 e2 19] OCLC 10229358

85-12738

I 19.13:2197

Martin, Peter, 1953-

Ground-water monitoring at Santa Barbara, California : phase 2-effects of pumping on water levels and on water quality in the Santa Barbara Ground-water basin / by Peter Martin ; prepared in cooperation with the city of Santa Barbara. — [Reston, Va.]: U.S. Dept. of the Interior, Geological Survey ; Alexandria, Va. : For sale by the Distribution Branch, USGS, 1984.

iv, 31 p. : ill., maps ; 28 cm. — (U.S. Geological Survey water-supply paper ; 2197) Bibliography: p. 24-25. ●Item 625

1. Santa Barbara (Calif.) — Water-supply. 2. Water quality management — California — Santa Barbara. 3. Water, Underground — California — Santa Barbara. I. Santa Barbara (Calif.) II. Geological Survey (U.S.) III. Title. IV. Series. TD225.S3M37 1984 84-600121 363.6/1 e2 19 OCLC 10753732

85-12739

I 19.13:2222

Dugan, J. T.

Hydrologic characteristics of Nebraska soils / by Jack T. Dugan. — [Reston, Va.]: U.S. Dept. of the Interior, U.S. Geological Survey ; Alexandria, VA. : For sale by the Distribution Branch, USGS, 1984.

iv, 19 p. : ill., maps (some col.) ; 29 cm. — (U.S. Geological Survey water-supply paper ; 2222) Twelve maps on 12 folded leaves in pockets. Bibliography: p. 16. ●Item 625

1. Soils — Nebraska. 2. Soil permeability — Nebraska. 3. Soil moisture — Nebraska. 4. Water, Underground — Nebraska. I. Geological Survey (U.S.) II. Title. III. Series. S599.N2D83 1984 82-600315 631.4/32 e2 19 OCLC 08866073

85-12740

I 19.13:2224

Lindskov, K. L.

Quantity and quality of streamflow in the southeastern Uinta Basin, Utah and Colorado / by K.L. Lindskov and Briant A. Kimball. — [Reston, Va.]: Dept. of the Interior, U.S. Geological Survey ; Alexandria, Va. : For sale by the Distribution Branch, USGS, 1984.

vii, 27 p. : ill., maps ; 28 cm. — (Geological Survey water-supply paper ; 2224) Bibliography: p. 69-71. ●Item 625

1. Stream measurements — Uinta Basin (Utah and Colo.) 2. Water quality — Uinta Basin (Utah and Colo.) I. Kimball,

Briant A. II. Geological Survey (U.S.) III. Title. IV. Series. TC801.U2 no. 2224 84-600049 [GB1222] 553.7/0973 s [553.7/8/09792 e2 19] OCLC 10559366

85-12741

I 19.13:2228

Peters, Norman E.

Evaluation of environmental factors affecting yields of major dissolved ions of streams in the United States / by Norman E. Peters. — [Reston, Va.]: U.S. Dept. of the Interior, Geological Survey ; Alexandria, Va. : For sale by Distribution Branch, Text Products Section, U.S. Geological Survey, 1984.

iv, 39 p. : ill., 1 map ; 28 cm. — (U.S. Geological Survey water-supply paper ; 2228) Includes bibliographies. ●Item 625

1. Water chemistry. 2. Ions. 3. Rivers — United States. I. Geological Survey (U.S.) II. Title. III. Series. OCLC 11765713

85-12742

I 19.13:2245

Engberg, R. A.

Appraisal of data for ground-water quality in Nebraska / by Richard A. Engberg. — [Reston, Va.]: U.S. Dept. of the Interior, Geological Survey ; Alexandria, Va. : For sale by the Distribution Branch, Text Products Section, U.S. Geological Survey, 1984.

iv, 54 p. : col. ill., col. maps ; 28 cm. — (U.S. Geological Survey water-supply paper ; 2245) Bibliography: p. 53-54. ●Item 625

1. Water, Underground — Nebraska. 2. Water quality — Nebraska. I. Geological Survey (U.S.) II. Title. III. Series. GB1025.N2E63 1984 83-600291 553.7/9/09782 e2 19 OCLC 09969901

85-12743

I 19.16:574-I

Connor, Jon J. (Jerome J.)

Factor analysis of the chemistry of Spanish moss / by Jon J. Connor and Hansford T. Shacklette. — [Reston, Va.]: U.S. Dept. of the Interior, Geological Survey ; Alexandria, Va. : For sale by Distribution Branch, USGS, 1984.

iii, 120 p. : ill., maps ; 28 cm. — (Statistical studies in field geochemistry) (U.S. Geological Survey professional paper ; 574-I) Bibliography: p. 19-20. ●Item 624

1. Spanish moss — Composition — Statistical methods. 2. Spanish moss — Southern States — Ecology — Statistical methods. 3. Plant indicators — Southern States — Statistical methods. 4. Air — Pollution — Measurement — Statistical methods. I. Shacklette, Hansford T. II. Geological Survey (U.S.) III. Title. IV. Series. V. Series. QE75.P9 no. 574-I 84-600008 [QK495.B76] 557.3 s [584/.22 e2 19] OCLC 10375896

85-12744

I 19.16:1244

Floods of May 1978 in southeastern Montana and northeastern Wyoming / by Charles Parrett ... [et al.] ; prepared jointly by the U.S. Geological Survey and the National Oceanic and Atmospheric Administration. — [Reston, Va.]: The Survey ; Alexandria, VA : For sale by the Distribution Branch, U.S. Geological Survey, 1984.

vi, 74 p. : ill., maps ; 28 cm. — (U.S. Geological Survey professional paper ; 1244) Includes bibliographical references. Pages 35-38 missing. ●Item 624

1. Floods — Montana. 2. Floods — Wyoming. I. Parrett, Charles. II. Geological Survey (U.S.) III. United States. National Oceanic and Atmospheric Administration. IV.

Series. GB1399.4.M9F46 81-607843 551.48/9/097863  2  
19 OCLC 07774114

85-12745

I 19.16:1290

Merewether, E. A. (Edward Allen), 1930-

The mid-Cretaceous frontier formation near the Moxa arch, southwestern Wyoming / by E.A. Merewether, Paul D. Blackmon, and J.C. Webb. — Washington : Dept. of the Interior, U.S. Geological Survey ; Alexandria, Va. : For sale by the Distribution Branch, USGS, 1984.

iii, 29 p. : ill., maps ; 28 cm. — (U.S. Geological Survey professional paper ; 1290) Bibliography: p. 28-29.  Item 624

1. Geology, Stratigraphic—Cretaceous. 2. Geology—Green River Watershed (Wyo.-Utah) I. Blackmon, Paul D. II. Webb, J. C. III. Geological Survey (U.S.) IV. Title. V. Series. QE687.M468 1984 83-600107 551.7/7  2 19 OCLC 09489289

85-12746

I 19.16:1303

Creasey, S. C. (Saville Cyrus), 1917-

The Schultze Granite, the Tea Cup Granodiorite, and the Granite Basin Porphyry : a geochemical comparison of mineralized and unmineralized stocks in southern Arizona / by S.C. Creasey. — [Reston, Va.?] : Dept. of the Interior, U.S. Geological Survey ; Alexandria, VA : For sale by the Distribution Branch, Text Products Section, U.S. Geological Survey, 1984.

iii, 41 p. : ill., maps ; 28 cm. — (U.S. Geological Survey professional paper ; 1303) One folded map in pocket. Bibliography: p. 40-41.  Item 624

1. Stocks (Geology)—Arizona. I. Geological Survey (U.S.) II. Title. III. Series. QE611.5.U6C74 1984 84-600064 552/.3  2 19 OCLC 10606042

85-12747

I 19.16:1400-B

Geohydrology of the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming : High Plains RASA Project / by Edwin D. Gutentag ... [et al.]. — [Washington, D.C.?] : U.S. Dept. of the Interior, Geological Survey, 1984.

viii, 63 p. : ill. (some col.), maps (some col.) ; 28 cm. — (U.S. Geological Survey professional paper ; 1400-B) "Regional aquifer-system analysis"—Cover. Bibliography: p. 59-63.  Item 624

1. Aquifers—High Plains (U.S.) 2. Aquifers—United States. I. Gutentag, Edwin D., 1931- II. Geological Survey (U.S.) III. Series. GB1199.3.H53G64 1984 83-600268 553.7/9/0978  2 19 OCLC 09852679

85-12748

I 19.42/4:82-37

Brown, David P. (David Phillip), 1947-

Water resources and data-network assessment of the Manasota Basin, Manatee and Sarasota Counties, Florida / by David P. Brown ; prepared in cooperation with the Southwest Florida Water Management District. — Tallahassee, Fla. : U.S. Dept. of the Interior, Geological Survey, 1982.

vi, 73 p. : ill., maps ; 28 cm. — (Water-resources investigations ; 82-37) Bibliography: p. 73-80.  Item 624-B

1. Water-supply—Florida—Manatee County. 2. Water-supply—Florida—Sarasota County. I. Southwest Florida Water Management District. II. Geological Survey (U.S.) III. Title. IV. Series. OCLC 09424034

85-12749

I 19.42/4:82-4114

Water-resources appraisal of the upper Arkansas River basin from Leadville to Pueblo, Colorado / by Thomas M. Crouch ... [et al.] ; prepared in cooperation with the Southeastern Colorado Water Conservancy District ... [et al.]. — Lakewood, Colo. : U.S. Dept. of the Interior, Geological Survey, 1984.

vii, 123 p. : ill., maps (some col.) ; 28 cm. — (Water-resources investigations report ; 82-4114) 8 folded maps in pocket of cover. Bibliography: p. 70-74.  Item 624-B

1. Water, Underground—Arkansas River Watershed. 2. Water quality—Arkansas River Watershed. 3. Water, Underground—Colorado. I. Crouch, Thomas M. II. Southeastern Colorado Water Conservancy District. III. Geological Survey (U.S.) IV. Series: Water resources investigations report ; 82-4114. OCLC 11619230

85-12750

I 19.42/4:83-4114-A

Geological Survey (U.S.)

Maps showing ground-water units and withdrawal, basin and range province, Arizona / Department of the Interior, United States Geological Survey ; by M.S. Bedinger, T.W. Anderson and William H. Langer ; prepared in cooperation with the Arizona Bureau of Geology and Mineral Technology and Arizona Department of Water Resources. Scale 1:1,000,000 and 1:500,000 ; (W 114°—W 109°/N 37°—N 31°). — [Reston, Va.?] : The Survey, 1984.

2 maps ; on sheets 75 x 116 cm. and 113 x 103 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4114-A) Relief shown by spot heights. Includes text and bibliography on separate pages.  Item 624-B

1. Water, Underground—Arizona—Maps. 2. Arizona—Maps. I. Bedinger, M. S. II. Anderson, T. W. (Thomas Warren), 1940- III. Langer, William H. IV. University of Arizona. Bureau of Geology and Mineral Technology. V. Arizona. Dept. of Water Resources. VI. Title. VII. Series: U.S. Geological Survey water-resources investigations report ; 83-4114-A. OCLC 11668243

85-12751

I 19.42/4:83-4114-B

Geological Survey (U.S.)

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona / Department of the Interior, United States Geological Survey ; by William H. Langer, Deborah A. Mulvihill, and T.W. Anderson ; prepared in cooperation with the Arizona Bureau of Geology and Mineral Technology and Arizona Department of Water Resources. Scale 1:500,000 ; (W 115°—W 109°/N 37°—N 31°). — Reston, Va. : The Survey, 1984.

2 maps ; on sheets 123 x 104 cm. and 119 x 80 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4114-B) Relief shown by contours and spot heights. Includes text and bibliography on separate pages.  Item 624-B

1. Water, Underground—Arizona—Maps. 2. Arizona—Maps. I. Langer, William H. II. Mulvihill, Deborah A. III. Anderson, T. W. (Thomas Warren), 1940- IV. University of Arizona. Bureau of Geology and Mineral Technology. V. Arizona. Dept. of Water Resources. VI. Title. VII. Series: U.S. Geological Survey water-resources investigations report ; 83-4114-B. OCLC 11668059

## Geological Survey — Interior Dept.

85-12752

I 19.42/4:83-4114-C

Geological Survey (U.S.)

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona / Department of the Interior, United States Geological Survey ; by Thomas H. Thompson, Janet Nuter and T.W. Anderson ; prepared in cooperation with the Arizona Bureau of Geology and Mineral Technology and Arizona Department of Water Resources. Scale 1:500,000 (W 113°—W 110°/N 37°—N 32°). — [Reston, Va.]: The Survey, 1984.

2 maps on 4 sheets ; 160 x 138 cm. or smaller, folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4114-C) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Arizona — Maps. 2. Water chemistry — Maps. 3. Arizona — Maps. I. Thompson, Thomas H. II. Nuter, Janet. III. Anderson, T. W. (Thomas Warren), 1940-. IV. University of Arizona. Bureau of Geology and Mineral Technology. V. Arizona. Dept. of Water Resources. VI. Title. VII. Series: U.S. Geological Survey water-resources investigations report ; 83-4114-C. OCLC 11735199

85-12753

I 19.42/4:83-4114-D

Geological Survey (U.S.)

Map showing outcrops of granitic rocks, basin and range province, Arizona / Department of the Interior, United States Geological Survey ; compiled by William D. Johnson, Jr., and Robert B. Scarborough ; prepared in cooperation with the Arizona Bureau of Geology and Mineral Technology. Scale 1:500,000 ; (W 115°—W 109°/N 37°—N 34°). — Reston, Va. : The Survey, 1984.

1 map on 2 sheets ; 79 x 112 cm. folded in envelope 31 x 24 cm. 33 p. (Water resources investigations report ; 83-4114-D) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Granite — Arizona — Maps. 2. Arizona — Maps. I. Johnson, William D. II. Scarborough, Robert B. III. University of Arizona. Bureau of Geology and Mineral Technology. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4114-D. OCLC 11690853

85-12754

I 19.42/4:83-4114-E

Geological Survey (U.S.)

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Arizona / Department of the Interior, United States Geological Survey ; compiled by William D. Johnson, Jr. ; prepared in cooperation with the Arizona Bureau of Geology and Mineral Technology. Scale 1:500,000 ; (W 115°—W 109°/N 37°—N 31°). — Reston, Va. : The Survey, 1984.

1 map on 2 sheets ; 81 x 112 cm. and 77 x 112 cm. folded in envelope 31 x 24 cm. 11 p. (Water resources investigations report ; 83-4114-E) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Rocks, Sedimentary — Arizona — Maps. 2. Arizona — Maps. I. Johnson, William D. II. University of Arizona. Bureau of Geology and Mineral Technology. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4114-E. OCLC 11667593

85-12755

I 19.42/4:83-4114-F

Geological Survey (U.S.)

Map showing outcrops of pre-quaternary ash-flow tuffs and volcanoclastic rocks, basin and range province, Arizona / Department of the Interior, United States Geological Survey ; compiled by Jane E. Jenness, David A. Lopez and James R. LaFortune ; prepared in cooperation with the Arizona Bureau of Geology and Mineral Technology. Scale 1:500,000 (W 115°—W 109°/N 37°—N 34°). — Reston, Va. : The Survey, 1984.

1 map on 2 sheets ; 78 x 112 cm. and 76 x 111 cm. folded in envelope 31 x 24 cm. 16 p. (Water resources investigations report ; 83-4114-F) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Volcanic ash, tuff, etc. — Arizona — Maps. 2. Arizona — Maps. I. Jenness, Jane E. II. Lopez, David A. III. LaFortune, James R. IV. University of Arizona. Bureau of Geology and Mineral Technology. V. Title. VI. Series: U.S. Geological Survey water-resources investigations report ; 83-4114-F. OCLC 11690550

85-12756

I 19.42/4:83-4114-G

Geological Survey (U.S.)

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, Arizona / Department of the Interior, United States Geological Survey ; compiled by William D. Johnson, Jr., and Robert B. Scarborough ; prepared in cooperation with the Arizona Bureau of Geology and Mineral Technology. Scale 1:500,000 ; (W 115°—W 110°/N 37°—N 31°). — Reston, Va. : The Survey, 1984.

1 map on 2 sheets ; 81 x 112 cm. and 89 x 111 cm. folded in envelope 31 x 24 cm. 19 p. (Water resources investigations report ; 83-4114-G) Relief shown by contours and spot heights. Includes text and bibliography on separate pages. ●Item 624-B

1. Basalt — Arizona — Maps. 2. Arizona — Maps. I. Johnson, William D. II. Scarborough, Robert B. III. University of Arizona. Bureau of Geology and Mineral Technology. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4114-G. OCLC 11667758

85-12757

I 19.42/4:83-4115-A

Geological Survey (U.S.)

Maps showing ground-water units and withdrawal, ground-water levels, springs, and depth to ground waters, basin and range province, Northern California / Department of the Interior, United States Geological Survey ; by J.D. Reed ... [et al.] ; prepared in cooperation with the California Division of Mines and Geology. Scale 1:500,000 and 1,000,000 ; (W 122°—W 120°/N 42°—N 40°). — [Reston, Va.] : The Survey, 1984.

4 maps on 1 sheet ; 76 x 124 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4115-A) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — California, Northern — Maps. 2. California, Northern — Maps. I. Reed, J.E. II. California. Division of Mines and Geology. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4115-A. OCLC 11758544

85-12758

I 19.42/4:83-4115-B

Geological Survey (U.S.)

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, northern California / Department of the Interior, United States Geological Survey ; by Thomas H. Thompson and Richard Chappell ; prepared in cooperation with the California Division of Mines and Geology. Scale 1:500,000 (W 122°—W 120°/N 42°—N 40°). — [Reston, Va.]: The Survey, 1984.

2 maps on 1 sheet ; 105 x 96 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4115-B) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. Contents: Map showing distribution of dissolved solids in ground water — Map showing dominant chemical type in ground water.

●Item 624-B

1. Water, Underground — California. Northern — Maps. 2. Water chemistry. 3. California — Maps. I. Thompson, Thomas H. II. Chappell, Richard. III. California. Division of Mines and Geology. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4115-B. OCLC 11682650

85-12759

I 19.42/4:83-4116-A

Geological Survey (U.S.)

Maps showing ground-water units and withdrawal, basin and range province, Southern California / Department of the Interior, United States Geological Survey ; by M.S. Bedinger, William H. Langer, and W.R. Moyle ; prepared in cooperation with the California Division of Mines and Geology. Scale 1:500,000 and 1,000,000 ; (W 120°—W 114°/N 38°—N 33°). — [Reston, Va.]: The Survey, 1984.

2 maps on 1 sheet ; 133 x 100 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4116-A) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — California, Southern — Maps. 2. California, Southern — Maps. I. Bedinger, M. S. II. Langer, William H. III. Moyle, W. R. IV. California. Division of Mines and Geology. V. Title. VI. Series. OCLC 11758337

85-12760

I 19.42/4:83-4116-B

Geological Survey (U.S.)

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Southern California / Department of the Interior, United States Geological Survey ; by William H. Langer ... [et al.] ; prepared in cooperation with the California Division of Mines and Geology. Scale 1:500,000 ; (W 120°—W 114°/N 38°—N 33°). — [Reston, Va.]: The Survey, 1984.

2 maps ; on sheets 133 x 100 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4116-B) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — California, Southern — Maps. 2. California, Southern — Maps. I. Langer, William H. II. California. Division of Mines and Geology. III. Title. IV. Series. OCLC 11758180

85-12761

I 19.42/4:83-4116-C

Geological Survey (U.S.)

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province,

southern California / Dept. of the Interior, U.S. Geological Survey ; by Thomas H. Thompson ... [et al.] ; prepared in cooperation with the California Division of Mines and Geology. Scale 1:500,000 (W 119°—W 115°/N 38°—N 33°). — [Reston, Va.]: The Survey, 1984.

2 maps on 2 sheets ; 136 x 98 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4116-C) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. Contents: Map showing dominant chemical type in ground water — Map showing distribution of dissolved solids in ground water.

●Item 624-B

1. Water, Underground — California, Southern — Maps. 2. Water chemistry — Maps. 3. California — Maps. I. Thompson, Thomas H. II. California. Division of Mines and Geology. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4116-C. OCLC 11689831

85-12762

I 19.42/4:83-4116-E

Geological Survey (U.S.)

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Southern California / Department of the Interior, United States Geological Survey ; compiled by William D. Johnson, Jr. ; prepared in cooperation with the California Division of Mines and Geology. Scale 1:500,000 ; (W 119°00'00"—W 114°00'00"/N 39°00'00"—N 33°00'00"). — Reston, Va. : The Survey, 1984.

1 map ; 135 x 104 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4116-E) Relief shown by contours and spot heights. Includes text and bibliography on separate pages. Includes location map. ●Item 624-B

1. Rocks, Sedimentary — California — Maps. 2. California, Southern — Maps. I. Johnson, William D. II. California. Division of Mines and Geology. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4116-E. OCLC 11667323

85-12763

I 19.42/4:83-4116-F

Geological Survey (U.S.)

Map showing outcrops of pre-quaternary ash-flow tuffs, basin and range province, Southern California / Department of the Interior, United States Geological Survey ; compiled by Jane E. Jenness and David A. Lopez ; prepared in cooperation with the California Division of Mines and Geology. Scale 1:500,000 ; (W 119°—W 115°/N 39°—N 33°). — Reston, Va. : The Survey, 1984.

maps ; 136 x 103 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4116-F) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Volcanic ash, tuff, etc. — California — Maps. 2. California — Maps. I. Jenness, Jane E. II. Lopez, David A. III. California. Division of Mines and Geology. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4116-F. OCLC 11658839

85-12764

I 19.42/4:83-4116-G

Geological Survey (U.S.)

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Southern California / Department of the Interior, United States Geological Survey ; compiled by Kurt Roggensack and David A. Lopez ; prepared in cooperation with the California Division of

## Geological Survey — Interior Dept.

Mines and Geology. Scale 1:500,000 (W 119°—W 114°/N 38°—N 33°). — Reston, Va. : The Survey, 1984.

1 map ; 126 x 101 cm. folded in envelope 31 x 24 cm. 13 p. (Water resources investigations report ; 83-4116-G) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Basalt — California, Southern — Maps. 2. California — Maps. I. Roggensack, Kurt. II. Lopez, David A. III. California. Division of Mines and Geology. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4116-G. OCLC 11682544

85-12765

I 19.42/4:83-4117-A

Geological Survey (U.S.)

Maps showing ground-water units, ground-water levels, springs, and depth to ground waters, basin and range province, Idaho / Department of the Interior, United States Geological Survey ; by J.D. Reed ... [et al.] ; prepared in cooperation with the Idaho Department of Water Resources. Scale 1:500,000 ; (W 114°—W 111°/N 44°—N 42°). — [Reston, Va.] : The Survey, 1984.

3 maps on 1 sheet ; 104 x 98 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4117-A) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Idaho — Maps. 2. Idaho — Maps. I. Reed, J. E. II. Idaho. Dept. of Water Resources. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4117-A. OCLC 11758797

85-12766

I 19.42/4:83-4117-B

Geological Survey (U.S.)

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Idaho / Department of the Interior, United States Geological Survey ; by Thomas H. Thompson and Richard Chappell ; prepared in cooperation with the Idaho Department of Water Resources. Scale 1:500,000 (W 114°—W 112°/N 43°—N 42°). — [Reston, Va.?] : The Survey, 1984.

2 maps on 1 sheet ; 124 x 95 cm. folded in envelope 31 x 24 cm. 5 p. (Water resources investigations report ; 83-4117-B) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. Contents: Map showing distribution of dissolved solids in ground water — Map showing dominant chemical type in ground water. ●Item 624-B

1. Water, Underground — Idaho. 2. Water chemistry. 3. Idaho — Maps. I. Thompson, Thomas H. II. Chappell, Richard. III. Idaho. Dept. of Water Resources. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4117-B. OCLC 11682510

85-12767

I 19.42/4:83-4117-C

Geological Survey (U.S.)

Map showing outcrops of granitic rocks, ash-flow tuff, and lahatic breccia, basin and range province, Idaho / Department of the Interior, United States Geological Survey ; compiled by K.A. Sargent, and Jane E. Jenness ; prepared in cooperation with the Idaho Department of Water Resources. Scale 1:500,000 ; (W 114°—W 111°/N 44°—N 42°). — Reston, Va. : The Survey, 1984.

1 map ; 56 x 62 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4117-C) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Granite — Idaho — Maps. 2. Volcanic ash, tuff, etc. — Idaho — Maps. 3. Idaho — Maps. I. Sargent, Kenneth A. II. Jenness, Jane E. III. Idaho. Dept. of Water Resources. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4117-C. OCLC 11656766

85-12768

I 19.42/4:83-4117-D

Geological Survey (U.S.)

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Idaho / Department of the Interior, United States Geological Survey ; compiled by William D. Johnson, Jr. ; prepared in cooperation with the Idaho Department of Water Resources. Scale 1:500,000 ; (W 114°—W 111°/N 44°—N 42°). — Reston, Va. : The Survey, 1984.

1 map ; 56 x 62 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4117-D) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography. ●Item 624-B

1. Rocks, Sedimentary — Idaho — Maps. 2. Argillite — Idaho — Maps. 3. Idaho — Maps. I. Johnson, William D. II. Idaho. Dept. of Water Resources. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4117-D. OCLC 11659024

85-12769

I 19.42/4:83-4118-A

Geological Survey (U.S.)

Maps showing ground-water units and withdrawal, basin and range province, New Mexico / Department of the Interior, United States Geological Survey ; by B.T. Brady, M.S. Bedinger, and D.L. Hart ; prepared in cooperation with the New Mexico Energy and Minerals Department and the New Mexico Bureau of Mines and Mineral Resources. Scale 1:500,000 and 1:000,000 (W 109°—W 105°/N 36°—N 31°). — Reston, Va. : The Survey, 1984.

2 maps on 1 sheet ; 130 x 98 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4118-A) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — New Mexico — Maps. 2. New Mexico — Maps. I. Brady, Bruce T. II. Bedinger, M. S. III. Hart, D. L. IV. New Mexico. Energy and Minerals Dept. V. New Mexico. Bureau of Mines and Mineral Resources. VI. Title. VII. Series: U.S. Geological Survey water-resources investigations report ; 83-4118-A. OCLC 11682638

85-12770

I 19.42/4:83-4118-B

Geological Survey (U.S.)

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, New Mexico / Department of the Interior, United States Geological Survey ; by B.T. Brady ... [et al.] ; prepared in cooperation with the New Mexico Energy and Minerals Department and the New Mexico Bureau of Mines and Mineral Resources. Scale 1:500,000 (W 109°—W 105°/N 36°—N 31°). — Reston, Va. : The Survey, 1984.

2 maps ; 109 x 87 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4118-B) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — New Mexico — Maps. 2. New Mexico — Maps. I. Brady, Bruce T. II. New Mexico. Energy and Minerals Dept. III. New Mexico. Bureau of

Mines and Mineral Resources. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4118-B. OCLC 11682598

85-12771

I 19.42/4:83-4118-C

Geological Survey (U.S.)

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, New Mexico / Department of the Interior, United States Geological Survey ; by Thomas H. Thompson, Richard Chappell, and Donald L. Hart, Jr. ; prepared in cooperation with the New Mexico Energy and Minerals Department and the New Mexico Bureau of Mines and Mineral Resources. Scale 1:500,000 (W 109°—W 106°/N 35°—N 32°). — [Reston, Va.?] : The Survey, 1984.

2 maps on 2 sheets ; 129 x 101 cm. and 135 x 96 cm. folded in envelope 31 x 24 cm. 5 p. (Water resources investigations report ; 83-4118-C) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. Contents: Map showing dominant chemical type in ground water — Map showing distribution of dissolved solids in ground water. ●Item 624-B

1. Water, Underground — New Mexico — Maps. 2. Water chemistry — Maps. 3. New Mexico — Maps. I. Thompson, Thomas H. II. Chappell, Richard. III. Hart, D. L. IV. New Mexico. Energy and Minerals Dept. V. New Mexico. Bureau of Mines and Mineral Resources. VI. Title. VII. Series: U.S. Geological Survey water-resources investigations report ; 83-4118-C. OCLC 11689814

85-12772

I 19.42/4:83-4118-D

Geological Survey (U.S.)

Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico / Department of the Interior, United States Geological Survey ; compiled by F. Allan Hills and K. A. Sargent ; prepared in cooperation with the New Mexico Bureau of Mines and Mineral Resources. Scale 1:500,000 ; (W 109°—W 105°/N 36°—N 31°). — Reston, Va. : The Survey, 1984.

1 map ; 101 x 86 cm. folded in envelope 31 x 24 cm. 28 p. (Water resources investigations report ; 83-4118-D) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Granite — New Mexico — Maps. 2. Rocks, Siliceous — Maps. 3. New Mexico — Maps. I. Hills, Francis Allan. II. Sargent, Kenneth A. III. New Mexico. Bureau of Mines and Mineral Resources. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4118-D. OCLC 11656600

85-12773

I 19.42/4:83-4118-E

Geological Survey (U.S.)

Map showing outcrops of thick, dominantly argillaceous sedimentary rocks, basin and range province, New Mexico / Department of the Interior, United States Geological Survey ; compiled by William D. Johnson, Jr. ; prepared in cooperation with the New Mexico Bureau of Mines and Mineral Resources. Scale 1:500,000 ; (W 109°—W 105°/N 36°—N 31°). — Reston, Va. : The Survey, 1984.

1 map ; 100 x 86 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4118-E) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Rocks, Sedimentary — New Mexico — Maps. 2. New Mexico — Maps. I. Johnson, William D. II. New Mexico.

Bureau of Mines and Mineral Resources. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4118-E. OCLC 11658893

85-12774

I 19.42/4:83-4118-G

Geological Survey (U.S.)

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, New Mexico / Department of the Interior, United States Geological Survey ; compiled by William D. Johnson, Jr. ; prepared in cooperation with the New Mexico Bureau of Mines and Mineral Resources. Scale 1:500,000 (W 109°—W 105°/N 35°—N 32°). — [Reston, Va.?] : The Survey, 1984.

1 map ; 100 x 85 cm. folded in envelope 31 x 24 cm. 13 p. (Water resources investigations report ; 83-4118-G) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Basalt — New Mexico — Maps. 2. New Mexico — Maps. I. Johnson, William D. II. New Mexico. Bureau of Mines and Mineral Resources. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4118-G. OCLC 11682427

85-12775

I 19.42/4:83-4119-B

Geological Survey (U.S.)

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Nevada / Department of the Interior, United States Geological Survey ; by M.S. Bedinger ... [et al.] ; prepared in cooperation with the Nevada Bureau of Mines and Geology. Scale 1:500,000 ; (W 120°—W 114°/N 42°—N 35°). — [Reston, Va.] : The Survey, 1984.

2 maps ; on sheets 86 x 140 cm. and 104 x 111 cm. folded in envelope 31 x 24 cm. 5 p. (Water resources investigations report ; 83-4119-B) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Nevada — Maps. 2. Nevada — Maps. I. Bedinger, M. S. II. Nevada Bureau of Mines and Geology. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4119-B. OCLC 11761026

85-12776

I 19.42/4:83-4119-F

Geological Survey (U.S.)

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Nevada / Department of the Interior, United States Geological Survey ; compiled by Kurt Roggensack and K.A. Sargent ; prepared in cooperation with the Nevada Bureau of Mines and Geology. Scale 1:500,000 ; (W 120°—W 114°/N 42°—N 39°). — Reston, Va. : The Survey, 1984.

1 map on 2 sheets ; 83 x 107 cm. and 91 x 107 cm. folded in envelope 31 x 24 cm. 20 p. (Water resources investigations report ; 83-4119-F) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Basalt — Nevada — Maps. 2. Nevada — Maps. I. Roggensack, Kurt. II. Sargent, Kenneth A. III. Nevada Bureau of Mines and Geology. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4119-F. OCLC 11667824

## Geological Survey — Interior Dept.

85-12777

I 19.42/4:83-4120-A

### Geological Survey (U.S.)

Maps showing ground-water units and number of large capacity wells basin and range province, Oregon / Department of the Interior, United States Geological Survey ; by J.E. Reed ... [et al.] ; prepared in cooperation with the California Division of Mines and Geology. Scale 1:500,000 and 1,000,000 ; (W 122°—W 118°/N 44°—N 42°). — [Reston, Va.] : The Survey, 1984.

2 maps on 1 sheet ; 85 x 107 cm. folded in envelope 31 x 24 cm. 4 p. (Water resources investigations report ; 83-4120-A) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Oregon — Maps. 2. Oregon — Maps. I. Reed, J. E. II. Title. III. Series: U.S. Geological Survey water-resources investigations report ; 83-4120-A. OCLC 11760309

85-12778

I 19.42/4:83-4120-B

### Geological Survey (U.S.)

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Oregon / Department of the Interior, United States Geological Survey ; by J.E. Reed ... [et al.]. Scale 1:500,000 ; (W 122°—W 118°/N 44°—N 42°). — [Reston, Va.] : The Survey, 1984.

2 maps on 1 sheet ; 102 x 96 cm. folded in envelope 31 x 24 cm. 5 p. (Water resources investigations report ; 83-4120-B) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Oregon — Maps. 2. Oregon — Maps. I. Reed, J. E. II. Title. III. Series: U.S. Geological Survey water-resources investigations report ; 83-4120-B. OCLC 11760941

85-12779

I 19.42/4:83-4120-C

### Geological Survey (U.S.)

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Oregon / Department of the Interior, United States Geological Survey ; by Thomas H. Thompson ... [et al.]. Scale 1:500,000 (W 122°—W 118°/N 43°—N 42°). — [Reston, Va.] : The Survey, 1984.

2 maps on 1 sheet ; 138 x 95 cm. folded in envelope 31 x 24 cm. 5 p. (Water resources investigations report ; 83-4120-C) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. Contents: Map showing dominant chemical type in ground water — Map showing distribution of dissolved solids in ground water. ●Item 624-B

1. Water, Underground — Oregon — Maps. 2. Water chemistry — Maps. 3. Oregon — Maps. I. Thompson, Thomas H. II. Title. III. Series: U.S. Geological Survey water-resources investigations report ; 83-4120-C. OCLC 11689639

85-12780

I 19.42/4:83-4120-D

### Geological Survey (U.S.)

Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon / Department of the Interior, United States Geological Survey ; compiled by Jane E. Jeness, K.A. Sargent, and David A. Lopez. Scale 1:500,000 ; (W 122°—W 118°/N 44°—N 42°). — Reston, Va. : The Survey, 1984.

1 map ; 54 x 93 cm. folded in envelope 31 x 24 cm. 12 p. (Water resources investigations report ; 83-4120-D) Relief

shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Granite — Oregon — Maps. 2. Volcanic ash, tuff, etc. — Oregon — Maps. 3. Oregon — Maps. I. Jenness, Jane E. II. Sargent, Kenneth A. III. Lopez, David A. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4120-D. OCLC 11667148

85-12781

I 19.42/4:83-4121-A

### Geological Survey (U.S.)

Maps showing ground-water units and withdrawal, basin and range province, Texas / Department of the Interior, United States Geological Survey ; by B.T. Brady, M.S. Bedinger, and John Mikels ; prepared in cooperation with the Texas Bureau of Economic Geology. Scale 1:500,000 ; (W 102°—W 102°/N 32°—N 29°). — Reston, Va. : The Survey, 1984.

1 map ; 75 x 116 cm. folded in envelope 31 x 24 cm. 6 p. (Water resources investigations report ; 83-4121-A) Relief shown by hachures and spot heights. Includes text and bibliography on 6 separate pages. ●Item 624-B

1. Water, Underground — Texas — Maps. 2. Texas — Maps. I. Brady, Bruce T. II. Bedinger, M.S. III. Mikels, John. IV. University of Texas. Bureau of Economic Geology. V. Title. VI. Series: U.S. Geological Survey water-resources investigations report ; 83-4121-A. OCLC 11658940

85-12782

I 19.42/4:83-4121-B

### Geological Survey (U.S.)

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Texas / Department of the Interior, United States Geological Survey ; compiled by B.T. Brady ... [et al.] ; prepared in cooperation with the Texas Bureau of Economic Geology. Scale 1:500,000 ; (W 107°—W 102°/N 32°—N 29°). — Reston, Va. : The Survey, 1984.

2 maps on 1 sheet ; 134 x 96 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4121-B) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Texas — Maps. 2. Texas — Maps. I. Brady, Bruce T. II. University of Texas. Bureau of Economic Geology. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4121-B. OCLC 11682581

85-12783

I 19.42/4:83-4121-C

### Geological Survey (U.S.)

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Texas / Department of the Interior, United States Geological Survey ; by Thomas H. Thompson and Janet Nuter ; prepared in cooperation with the Texas Bureau of Economic Geology. Scale 1:500,000 (W 106°—W 103°/N 32°—N 29°). — [Reston, Va.] : The Survey, 1984.

2 maps on 1 sheet ; 135 x 96 cm. folded in envelope 31 x 24 cm. 5 p. (Water resources investigations report ; 83-4121-C) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. Contents: Map showing dominant chemical type in ground water — Map showing distribution of dissolved solids in ground water. ●Item 624-B

1. Water, Underground — Texas — Maps. 2. Water chemistry — Maps. 3. Texas — Maps. I. Thompson, Thomas H.

II. Nuter, Janet. III. University of Texas. Bureau of Economic Geology. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4121-C. OCLC 11689684

85-12784

I 19.42/4:83-4122-A

Geological Survey (U.S.)

Maps showing ground-water units and withdrawal, basin and range province, Utah / Department of the Interior, United States Geological Survey ; by M.S. Bedinger, J.S. Gates, and J.R. Stark ; prepared in cooperation with the Utah Geological and Mineral Survey. Scale 1:500,000 and 1:1,000,000 (W 114°—W 111°N 42°—N 37°). — [Reston, Va.]: Geological Survey, 1984.

2 maps on 1 sheet : col. ; on sheet 119 x 90 cm. folded in envelope 31 x 24 cm. 13 p. (Water resources investigations report ; 83-4122-A) Relief shown by spot heights. Contents: Map showing ground-water units — Map showing ground-water withdrawal. Includes location map. Text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Utah — Maps. I. Bedinger, M. S. II. Gates, Joseph Spencer, 1935- III. Stark, J. R. IV. Utah Geological and Mineral Survey. V. Title. VI. Series: U.S. Geological Survey water-resources investigations report ; 83-4122-A. OCLC 11673639

85-12785

I 19.42/4:83-4122-B

Geological Survey (U.S.)

Maps showing ground-water levels, springs, and depth to ground waters, basin and range province, Utah / Department of the Interior, United States Geological Survey ; by M.S. Bedinger ... [et al.] ; prepared in cooperation with the Utah Geological and Mineral Survey. Scale 1:500,000 ; (W 114°—W 111°N 42°—N 37°). — [Reston, Va.]: The Survey, 1984.

2 maps on 1 sheet ; 128 x 104 cm. folded in envelope 31 x 24 cm. 12 p. (Water resources investigations report ; 83-4122-B) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Utah — Maps. 2. Utah — Maps. I. Bedinger, M. S. II. Utah Geological and Mineral Survey. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4122-B. OCLC 11758864

85-12786

I 19.42/4:83-4122-C

Geological Survey (U.S.)

Maps showing distribution of dissolved solids and dominant chemical type in ground water basin and range province, Utah / Department of the Interior, United States Geological Survey ; by Thomas H. Thompson, and Janet Nuter ; prepared in cooperation with the Utah Geological and Mineral Survey. Scale 1:500,000 ; (W 114°—W 111°N 42°—N 37°). — Reston, Va. : The Survey, 1984.

2 maps ; 124 x 68 cm. folded in envelope 31 x 24 cm. 7 p. (Water resources investigations report ; 83-4122-C) Relief shown by spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Water, Underground — Utah — Maps. 2. Utah — Maps. I. Thompson, Thomas H. II. Nuter, Janet. III. Utah Geological and Mineral Survey. IV. Title. V. Series: U.S. Geological Survey water-resources investigations report ; 83-4122-C. OCLC 11682609

85-12787

I 19.42/4:83-4122-E

Geological Survey (U.S.)

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range

province, Utah / Department of the Interior, United States Geological Survey ; compiled by William D. Johnson, Jr. ; prepared in cooperation with the Utah Geological and Mineral Survey. Scale 1:500,000 (W 114°—W 112°N 42°—N 37°). — [Reston, Va.]: U.S. Geological Survey, 1984.

1 map ; 115 x 61 cm. folded in envelope 31 x 24 cm. 10 p. (Water resources investigations report ; 83-4122-E) Relief shown by contours and spot heights. Includes location map. Includes text and bibliography on separate pages. ●Item 624-B

1. Rocks, Sedimentary — Utah — Maps. 2. Utah — Maps. I. Johnson, William D. II. Utah Geological and Mineral Survey. III. Title. IV. Series: U.S. Geological Survey water-resources investigations report ; 83-4122-E. OCLC 11682454

85-12788

I 19.42/4:83-4281

Edelmann, Patrick.

Quality of ground water in agricultural areas of the San Luis Valley, South-Central Colorado / [by Patrick Edelmann and David P. Buckles] ; prepared in cooperation with the Rio Grande Water Conservation District. — [Washington, D.C.]: U.S. Geological Survey, [1984?]

v, 32 p. : ill., maps ; 28 cm. — (Water-resources investigations report ; 83-4281) Cover title. Bibliography: p. 25-26. ●Item 624-B

1. Water quality — San Luis Valley (Colo. and N.M.) 2. Water, Underground — San Luis Valley (Colo. and N.M.) I. Buckles, David R. II. Rio Grande Water Conservation District. III. Geological Survey (U.S.) IV. Title. V. Series. OCLC 11527316

85-12789

I 19.42/4:84-4086

Soukup, W. G.

Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota / by W.G. Soukup, D.C. Gillies and C.F. Myette ; prepared in cooperation with the Pomme de Terre and Chippewa Ground-Water Study Steering Committee and the Minnesota Department of Natural Resources. — St. Paul, Minn. : U.S. Dept. of the Interior, Geological Survey ; Denver, Colo. : Open-File Services Section, Western Distribution Branch, USGS, 1984.

vi, 63 p. : ill., maps ; 28 cm. — (U.S. Geological Survey water-resources investigations report ; (84-4086)) Bibliography: p. 62-63. ●Item 624-B

1. Water supply — Minnesota. 2. Aquifers — Minnesota. I. Gillies, Daniel C. II. Myette, C. F. III. Geological Survey (U.S.) IV. Minnesota. Dept. of Natural Resources. Pomme de Terre and Chippewa Ground-Water Study Steering Committee. V. Title. VI. Series. OCLC 11580805

85-12790

I 19.42/4:84-4114

Grannemann, N. G.

Hydrogeology and effects of tailings basins on the hydrology of Sands Plain, Marquette County, Michigan / by N.G. Grannemann ; prepared in cooperation with the Michigan Department of Natural Resources. — Lansing, Mich. : U.S. Dept. of the Interior, Geological Survey ; Denver, Colo. : Open-File Services Section, Western Distribution Branch, U.S. Geological Survey, 1984.

vi, 98 p. : ill., maps ; 28 cm. — (U.S. Geological Survey water-resources investigations report ; 84-4114) One folded map in pocket. Bibliography: p. 75-77. ●Item 624-B

1. Tailings (Metallurgy) — Environmental aspects — Michigan — Marquette County. 2. Hydrology — Michigan — Marquette County. 3. Water, Underground — Michigan — Mar-

## Geological Survey — Interior Dept.

quette County. I. Michigan. Dept. of Natural Resources. II. Geological Survey (U.S.) III. Title. IV. Series. OCLC 11770134

85-12791

I 19.42/4:84-4159

Analysis of urban storm-runoff data and the effects on the South Platte River, Denver metropolitan area, Colorado / by Sherman R. Ellis ... [et al.] ; prepared in cooperation with the Denver Regional Council of Governments. — Lakewood, Colo. : U.S. Dept. of the Interior, Geological Survey ; Denver, CO : Open-File Services Section, Western Distribution Branch, U.S. Geological Survey, 1984.

vi, 66 p. : ill., maps ; 28 cm. — (U.S. Geological Survey water resources investigations report ; 84-4159) Bibliography: p. 65-66. ●Item 624-B

1. Urban runoff—Colorado—Denver. 2. Runoff—South Platte River (Colo. and Neb.) 3. Runoff—Colorado—Denver. I. Ellis, Sherman R. II. Denver Regional Council of Governments. III. Geological Survey (U.S.) IV. Series. OCLC 11619121

85-12792

I 19.42/4:84-4183

Foster, J. B. (James B.)

Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois / by J.B. Foster, George Garklavs, and G.W. Mackey ; prepared in cooperation with U.S. Nuclear Regulatory Commission and Illinois Department of Nuclear Safety. — Urbana, Ill. : U.S. Dept. of the Interior, U.S. Geological Survey, 1984.

iv, 20 p. : ill., maps ; 28 cm. — (Water-resources investigations report ; 84-4183) Bibliography: p. 20. ●Item 624-B

1. Radioactive waste disposal in the ground—Illinois. 2. Water, Underground—Illinois. I. Garklavs, George. II. Mackey, G. W. III. U.S. Nuclear Regulatory Commission. IV. Illinois. Dept. of Nuclear Safety. V. Geological Survey (U.S.) VI. Title. VII. Series. OCLC 11507083

85-12793

I 19.42/4:84-4256

Borghese, J. V.

Hydrology of a surface coal mined area in Randolph County, Illinois / by J.V. Borghese and A.R. Klinger. — Urbana, Ill. : U.S. Dept. of the Interior, Geological Survey ; Denver, CO : Open-File Services Section, Western Distribution Branch, U.S. Geological Survey [distributor], 1984.

iv, 36 p. : ill., maps ; 28 cm. — (U.S. Geological Survey water-resources investigations report ; 84-4256) Bibliography: p. 10-11. ●Item 624-B

1. Strip mining—Illinois—Randolph County. 2. Hydrology—Illinois—Randolph County. I. Klinger, A. R. II. Geological Survey (U.S.) III. Title. IV. Series. OCLC 11765671

85-12794

I 19.53/2:AK-83-1

Water resources data. Alaska. [Anchorage, Alaska : Water Resources Division, U.S. Geological Survey, U.S. Dept. of the Interior, Geological Survey, 1515 E. 13th Ave., Anchorage, AK, 99501

v. ; 28 cm. (U.S. Geological Survey water-data report ; \*AK-83-1)

Annual. Spine title: U.S.G.S. water resources data. Alaska. Water year 1983. Description based on: Water year 1982. Vols. for (1982-) distributed to depository libraries in microfiche. ●Item 619-E-2 (microfiche) ISSN 0741-0689 Continues: Water resources data for Alaska

1. Water-supply—Alaska—Yearbooks. 2. Water quality—Alaska—Yearbooks. 3. Water resources development—Alaska—Yearbooks. I. Geological Survey (U.S.)

Water Resources Division. II. Title: USGS water resources data. Alaska III. Series. GB1225.A4W377 83-646763 553.7/09798 e2 19 OCLC 10069054

Unpublished open-file reports are available as paper reproduction copies only at prices listed by the Open-File Services Section, Box 25425, Denver Federal Center, Denver, Colorado 80225

85-12795

I 19.76:81-27-B

Geological Survey (U.S.)

Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-B) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry—Alaska—Maps. 2. Gold—Maps. 3. Silver—Maps. 4. Alaska—Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-B. OCLC 11780410

85-12796

I 19.76:81-27-C

Geological Survey (U.S.)

Map showing the distribution and abundance of boron and beryllium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-C) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry—Alaska—Maps. 2. Boron—Maps. 3. Beryllium—Maps. 4. Alaska—Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-C. OCLC 11780176

85-12797

I 19.76:81-27-D

Geological Survey (U.S.)

Map showing the distribution and abundance of copper in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [microform] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-D) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry—Alaska—Maps. 2. Copper—Maps. 3. Alaska—Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-D. OCLC 11780233

85-12798

I 19.76:81-27-E

Geological Survey (U.S.)

Map showing the distribution and abundance of cobalt in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-E) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry — Alaska — Maps. 2. Cobalt — Maps. 3. Alaska — Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-E. OCLC 11780215

85-12799

I 19.76:81-27-F

Geological Survey (U.S.)

Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [microform] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-F) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry — Alaska — Maps. 2. Molybdenum — Maps. 3. Tin — Maps. 4. Vanadium — Maps. 5. Alaska — Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-F. OCLC 11780322

85-12800

I 19.76:81-27-G

Geological Survey (U.S.)

Map showing the distribution and abundance of nickel and chromium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [microform] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-G) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry — Alaska — Maps. 2. Nickel — Maps. 3. Chromium — Maps. 4. Alaska — Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-G. OCLC 11780278

85-12801

I 19.76:81-27-H

Geological Survey (U.S.)

Map showing the distribution and abundance of lead in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-H) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1

microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry — Alaska — Maps. 2. Lead — Maps. 3. Alaska — Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-H. OCLC 11780355

85-12802

I 19.76:81-27-I

Geological Survey (U.S.)

Map showing the distribution and abundance of scandium and yttrium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-I) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry — Alaska — Maps. 2. Scandium — Maps. 3. Yttrium — Maps. 4. Alaska — Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-I. OCLC 11780198

85-12803

I 19.76:81-27-J

Geological Survey (U.S.)

Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-J) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry — Alaska — Maps. 2. Strontium — Maps. 3. Lanthanum — Maps. 4. Alaska — Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-J. OCLC 11780504

85-12804

I 19.76:81-27-K

Geological Survey (U.S.)

Map showing the distribution and abundance of zinc in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by Bruce R. Johnson and Geoffrey S. Elliott. Scale 1:125,000 (W 136°35'—W 135°30'/N 58°15'—N 57°15'). — [Reston, Va.?] : The Survey, 1981.

1 map ; 71 x 55 cm. (Open-file report ; 81-27-K) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1982?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, ill. and location map. ●Item 624-H (microfiche)

1. Geochemistry — Alaska — Maps. 2. Zinc — Maps. 3. Alaska — Maps. I. Johnson, Bruce R. II. Elliott, Geoffrey S. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 81-27-K. OCLC 11780302

85-12805

I 19.76:83-104

United States. Minerals Management Service.

Isopach map of Holocene sediment, Outer Continental Shelf between Yakutat Bay and Dry Bay, Eastern Gulf of

## Geological Survey — Interior Dept.

Alaska [microform] / Department of the Interior, United States Geological Survey, Minerals Management Service; by Peter J. Hoose, G.P. Thraser, and Lynn D. Lybeck. Scale 1:250,000 (W 141°45'—W 138°15'/N 59°45'—N 58°30'). — [Reston, Va.]: The Survey, 1983.

1 map; 60 x 54 cm. (Open-file report; 83-104) Relief shown by contours and spot heights. Microfiche. [Denver, Colo.: U.S. Geological Survey, 1983?]. 1 microfiche; 11 x 15 cm. Includes location diagram, text, and bibliography. ●Item 624-H (microfiche)

1. Sediments (Geology)—Alaska—Maps. 2. Geology, Stratigraphic—Recent—Maps. I. Hoose, Peter J. II. Thraser, Glenn P. III. Lybeck, Lynn D. IV. Title. V. Series: Open-file report (Geological Survey (U.S.)); 83-104. OCLC 11775835

85-12806

I 19.76:83-169

Geological Survey (U.S.)

Summary of radiometric anomalies in Alaska [[microform]] / Department of the Interior, United States Geological Survey; compiled by K.A. Dickinson, J.F. Morrone, M.E. Roberts. Rev. of 1981 rept. Scale [ca. 1:2,500,000] (W 168°—W 130°/N 70°—N 54°). — [Reston, Va.]: The Survey, 1983.

1 map; 70 x 100 cm. (Open-file report; 83-169) Includes bibliography. Microfiche. [Denver, Colo.: U.S. Geological Survey, 1983?]. 1 microfiche; 11 x 15 cm. ●Item 624-H (microfiche)

1. Radioactive prospecting—Alaska—Maps. I. Dickinson, Kendall A., 1931-. II. Morrone, John F. III. Roberts, M. E. IV. Title. V. Series: Open-file report (Geological Survey (U.S.)); 83-169. OCLC 11745076

85-12807

I 19.76:83-176

Finn, C.

Principal facts for one-hundred-six gravity stations near the Goat Rocks wilderness area, Washington [microform] / by Carol Finn and D.L. Williams. — [Reston, Va.]: U.S. Dept. of the Interior, Geological Survey, 1982.

1 v.; 28 cm. — (Open-file report; 83-176) Microfiche. [Denver, Colo.: U.S. Geological Survey, 1982?]. 1 microfiche; 11 x 15 cm. Bibliography: p. 2-3. ●Item 624-H (microfiche)

1. Gravity stations—Washington (State) I. Williams, D. L. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)); 83-176. OCLC 11694385

85-12808

I 19.76:83-236

Geological Survey (U.S.)

Geochemical sample locality map for the White Cloud-Boulder roadless area, Custer County, Idaho [[microform]] / Department of the Interior, United States Geological Survey; by F.S. Fisher, G.D. May, and D.H. McIntyre. Scale 1:62,500 (W 114°30'—W 114°15'/N 44°05'—N 43°52'30"). — [Reston, Va.]: The Survey, 1983.

1 map. (Open-file report; 83-236) Relief shown by contours and spot heights. Includes insets and location map. Includes tables of atomic absorption spectrometry and semi-quantitative spectrographic analysis. Microfiche. [Denver, Colo.: U.S. Geological Survey, 1983?]. 1 microfiche; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geology—Idaho—Custer County—Maps. I. Fisher, Frederick S., 1937-. II. May, Gordon D. III. McIntyre, David H. IV. Title. V. Series: Open-file report (Geological Survey (U.S.)); 83-236. OCLC 11775966

85-12809

I 19.76:83-279

Geological Survey (U.S.)

Engineering—geologic maps of northern Alaska, Lookout Ridge quadrangle [[microform]] / Department of the Interior, United States Geological Survey; by Warren Yeend. Scale 1:250,000 (W 159°00'—W 156°00'/N 70°00'—N 69°00'). — [Reston, Va.]: The Survey, 1983.

1 map; 45 x 48 cm. 1 sheet 61 x 77 cm. (Open-file report; 83-279) Relief shown by contours and spot heights. Includes index map and legend. Includes further legend and bibliography on sheet. Microfiche. [Denver, Colo.: U.S. Geological Survey, 1983?]. 1 microfiche; 11 x 15 cm. ●Item 624-H (microfiche)

1. Engineering geology—Alaska—Maps. I. Yeend, Warren E., 1936-. II. Title. III. Series: Open-file report (Geological Survey (U.S.)); 83-279. OCLC 11757782

85-12810

I 19.76:83-282

Geological Survey (U.S.)

Geologic map of the Red Mountains quadrangle, Harney County, Oregon [[microform]] / Department of the Interior, United States Geological Survey; by James J. Rytuba ... [et al.]. Scale 1:24,000. — [Reston, Va.]: The Survey, 1982.

1 map; 58 x 43 cm. (Open-file report; 83-282) "Contour interval 20/10 feet." Includes bibliography. Microfiche. [Denver, Colo.: U.S. Geological Survey, 1983?]. 1 microfiche; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geology—Oregon—Harney County—Maps. I. Rytuba, James J. II. Title. III. Title: Red Mountains quadrangle, Harney County, Oregon. IV. Series: Open-file report (Geological Survey (U.S.)); 83-282. OCLC 11669475

85-12811

I 19.76:83-285

Geological Survey (U.S.)

Geologic map of the Pole Canyon quadrangle, Harney County, Oregon [[microform]] / United States Department of the Interior, Geological Survey; by James J. Rytuba, Scott A. Minor and Dean B. Vander Meulen. Scale 1:24,000. — [Reston, Va.]: U.S. Geological Survey, 1982.

1 map; 58 x 43 cm. (Open-file report; 83-285) "Contour interval 20 feet." Includes bibliography. Microfiche. [Denver, Colo.: U.S. Geological Survey, 1983?]. 1 microfiche; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geology—Oregon—Harney County—Maps. I. Rytuba, James J. II. Minor, Scott A. III. Vander Meulen, Dean B. IV. Title. V. Series: Open-file report (Geological Survey (U.S.)); 83-285. OCLC 11736544

85-12812

I 19.76:83-288

Geological Survey (U.S.)

Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah [[microform]] / United States Department of the Interior, Geological Survey; by A.B. Gibbons and D.D. Dickey. Scale 1:100,000 (W 111°15'—W 110°30'/N 42°00'—N 41°00'). — [Reston, Va.]: U.S. Geological Survey, 1983.

1 map; 111 x 61 cm. (Open-file report; 83-288) Relief shown by contours and spot heights. Includes location map. Microfiche. [Denver, Colo.: U.S. Geological Survey, 1983?]. 1 microfiche; 11 x 15 cm. ●Item 624-H (microfiche)

1. Faults (Geology)—Wyoming—Lincoln County—Maps. 2. Faults (Geology)—Wyoming—Uinta County—Maps. 3. Faults (Geology)—Utah—Rich County—Maps. 4. Geology, Stratigraphic—Quaternary—Maps. I. Gib-

bons, A. B. II. Dickey, D. D. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-288. OCLC 11736418

85-12813

I 19.76:83-289

Geological Survey (U.S.)

Preliminary geologic map of the Peko Hills, Elko County, Nevada [[microform]] / Department of the Interior, United States Geological Survey ; by Keith B. Ketner and James G. Evans ; prepared in cooperation with Nevada Bureau of Mines. Scale 1:24,000 (W 115°52'30"—W 115°30'00"/N 41°07'30"—N 41°00'00"). — [Reston, Va.]: The Survey, 1983.

1 map. (Open-file report ; 83-289) Relief shown by contours and spot heights. Includes bibliography. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geology — Nevada — Elko County — Maps. 2. Nevada — Elko County — Maps. I. Ketner, Keith Brindley, 1921-. II. Evans, James George, 1938-. III. Nevada Bureau of Mines. IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 83-289. OCLC 11776059

85-12814

I 19.76:83-373

Geological Survey (U.S.)

Geologic map of the outcrop area of the Hornbrook formation, Oregon and California [[microform]] / Department of the Interior, United States Geological Survey ; by Tor H. Nilsen ... [et al.]. Scale 1:62,500 ; (W 123°15'—W 122°15'/N 42°30'—N 41°30') — [Reston, Va.] : The Survey, 1983.

2 maps on 1 sheet ; 106 x 146 cm. (Open-file report ; 83-373) Includes index map, correlation diagram, text, and bibliography. ●Item 624-H (microfiche)

1. Geology — Oregon — Maps. 2. Geology — California — Maps. I. Nilsen, Tor Helge. II. Title. III. Title: Hornbrook formation, Oregon and California, geologic map of the outcrop area. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-373. OCLC 11775210

85-12815

I 19.76:83-395

Moore, Richard B. (Richard Beresford), 1945-

Preliminary geologic map of Furnas Volcano, Sao Miguel, Azores [[microform]] / Department of the Interior, United States Geological Survey ; by Richard B. Moore. Scale 1:15,000. — [Reston, Va.] : The Survey, 1983.

1 map ; on sheet 91 x 21 cm. (Open-file report ; 83-395) Relief shown by contours and spot heights. Includes bibliography. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Volcanoes — Azores — Maps. I. Geological Survey (U.S.) II. Title. III. Title: Furnas Volcano, Sao Miguel, Azores. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-395. OCLC 11669528

85-12816

I 19.76:83-421

Raines, G. L. (Gary L.)

Preliminary map of limonitic hydrothermal alteration for portions of the Needles 1°x 2°quadrangle, Arizona and California [[microform]] / by Gary L. Raines. — [Denver, Colo.] : U.S. Geological Survey, 1983.

7 p. : map ; 28 cm. — (Open-file report ; 83-421) One map on folded sheet in pocket. Bibliography: p. 2-3. ●Item 624-H (microfiche)

1. Iron ores — Arizona. 2. Iron ores — California. 3. Iron ores — Arizona — Maps. 4. Iron ores — California — Maps. I. Geological Survey (U.S.) II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 83-421. OCLC 10439168

85-12817

I 19.76:83-633

Geological Survey (U.S.)

Geologic map and coal sections of the Pine Ridge quadrangle, Moffat County, Colorado [[microform]] / Department of the Interior, United States Geological Survey ; by G.L. Prost and M.E. Brownfield. Scale 1:24,000 (W 107°45'00"—W 107°37'30"/N 40°37'30"—N 40°30'00"). — [Reston, Va.]: The Survey, 1983.

1 map ; 58 x 45 cm. 29 coal sections on sheet 118 x 107 cm. (Open-file report ; 83-633) Relief shown by contours and spot heights. Text and cross section on sheet. Includes bibliography. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geology — Colorado — Moffat County — Maps. I. Prost, G. L. II. Brownfield, M. E. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-633. OCLC 11745212

85-12818

I 19.76:83-676

Geological Survey (U.S.)

Potentiometric surface of the Floridan aquifer in central Sumter County, Florida, May 1983 [[microform]] / by L.A. Bradner ; prepared in cooperation with the Sumter County Recreation and Water Conservation and Control Authority ; Department of the Interior, United States Geological Survey. Scale indeterminable from microfiche (W 82°20'—W 81°55'/N 28°55'—N 28°30'). — [Reston, Va.]: The Survey, 1983.

1 map. (Open-file report ; 83-676) Relief shown by contours and spot heights. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 1 microfiche ; 11 x 15 cm. Includes location map. ●Item 624-H (microfiche) S/N 3933 @ S8

1. Water, Underground — Florida — Sumter County — Maps. 2. Sumter County (Fla.) — Maps. I. Bradner, L. A. II. Sumter County Recreation and Water Conservation and Control Authority (Fla.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-676. OCLC 11772906

85-12819

I 19.76:83-743

Langer, William H.

Maps showing natural aggregates of the conterminous United States [[microform]] / Department of the Interior, U.S. Geological Survey, William H. Langer and Donna A. Belvel. — [Reston, Va.]: U.S. Geological Survey, 1983.

18 p. : maps ; 28 cm. ; 2 maps. — (Open-file report ; 83-743) Two maps depict potential sources. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 3 microfiches ; 11 x 15 cm. ●Item 624 (microfiche)

1. Aggregates (Building materials) — United States — Bibliography. 2. Aggregates (Building materials) — United States — Maps. I. Belval, Donna A. II. Geological Survey (U.S.) III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-743. OCLC 11757566

85-12820

I 19.76:83-822

Geological Survey (U.S.)

Gas hydrates on continental margins of the United States based on occurrence of bottom simulating reflectors on marine seismic records [[microform]] / Department of Interior [sic.], United States Geological Survey ; compiled by Keith A. Kvenvolden. Scale 1:10,000,000 ; Lambert conformal conic proj. based on standard parallels 37° and 65° (W 180°—W 70°/N 75°—N 20°). — [Reston, Va.]: The Survey, 1983.

## Geological Survey — Interior Dept.

1 map ; 87 x 92 cm. (Open-file report ; 83-822) "This work was partially funded by the Morgantown Energy Technology Center under U.S. Geological Survey [and] U.S. Department of Energy interagency agreement no. DE-A121-83MC20422." Includes bibliographical references. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Gas, Natural — Hydrates. I. Kvenolden, Keith A. II. Morgantown Energy Technology Center. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-822. OCLC 11669379

85-12821

I 19.76:83-868

Geological Survey (U.S.)

Potentiometric surface of the Floridan aquifer Southwest Florida Water Management District, September 1983 [[microform]] / by G.L. Barr and G.R. Schiner ; prepared in cooperation with Southwest Florida Water Management District ; Department of the Interior, United States Geological Survey. Scale 1:500,000 (W 84°00'—W 81°15'/N 30°00'—N 26°30'). — [Reston, Va.?] : The Survey, 1983.

1 map ; 76 x 56 cm. (Open-file report ; 83-868) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. Includes text, bibliography, hydrographs and location map. ●Item 624-H (microfiche)

1. Water, Underground — Florida — Maps. 2. Florida — Maps. I. Barr, G. L. II. Schiner, George R., 1926- III. Southwest Florida Water Management District. IV. Title. V. Series: U.S. Geological Survey open-file report ; 83-868. OCLC 11773106

85-12822

I 19.76:83-921

Geological Survey (U.S.)

Wells drilled for oil and gas deeper than 15,000 feet in the conterminous United States and offshore [[microform]] / Department of the Interior, United States Geological Survey ; compiled by K.I. Takahashi and K.I. Cunningham. Scale approx. 1:7,500,000. — [Reston, Va.?] : The Survey, 1983.

1 map ; 46 x 82 cm. (Open-file report ; 83-921) "Drilling data modified from Petroleum Information Corporation, Well History Control Systems (WHCS) as of July 1983." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Oil wells — United States — Maps. 2. Gas wells — United States — Maps. I. Takahashi, K. I. II. Cunningham, K. I. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-921. OCLC 11748432

85-12823

I 19.76:83-922

Geological Survey (U.S.)

Wells drilled for oil and gas deeper than 20,000 feet in the conterminous United States and offshore [[microform]] / Department of the Interior, United States Geological Survey ; compiled by K.I. Takahashi and K.I. Cunningham. Scale approx. 1:7,500,000. — [Reston, Va.?] : The Survey, 1983.

1 map ; 46 x 82 cm. (Open-file report ; 83-922) "Drilling data modified from Petroleum Information Corporation, Well History Control Systems (WHCS) as of July 1983." Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Oil wells — United States — Maps. 2. Gas wells — United States — Maps. I. Takahashi, K. I. II. Cunningham, K. I. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 83-922. OCLC 11748491

85-12824

I 19.76:84-10

Geological Survey (U.S.)

Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyukuk lowland, Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by Edward A. Koster, John P. Galloway, and Toon Pronk. Scale approx. 1:60,390 (W 157°42'—W 156°15'/N 65°45'—N 65°38'). — [Reston, Va.?] : The Survey, 1984.

1 map ; 23 x 112 cm., on sheet 67 x 121 cm. (Open-file report ; 84-10) Text, location map, and map showing "Areal extent of younger flood plain deposits and modified eolian deposits as mapped by Patton (1966)," on sheet. Includes bibliography. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Sediments (Geology) — Alaska — Koyukuk River Valley — Maps. 2. Sand-dunes — Alaska — Koyukuk River Valley — Maps. 3. Landforms — Alaska — Koyukuk River Valley — Maps. I. Koster, Edward A. II. Galloway, John P. III. Pronk, Toon. IV. Title. V. Series: Open-file report (Geological Survey (U.S.)) ; 84-10. OCLC 11745029

85-12825

I 19.76:84-18

Geological Survey (U.S.)

Preliminary complete Bouguer gravity anomaly map of the Butte 1°x 2°quadrangle, Montana [[microform]] / Department of the Interior, United States Geological Survey ; by Jerry H. Hassemer. Scale 1:250,000 (W 114°—W 112°/N 47°—N 46°). — [Reston, Va.?] : The Survey, 1984.

1 map ; 45 x 62 cm. (Open-file report ; 84-018) "Contour interval 5 milligals." Includes bibliography and location map. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Gravity anomalies — Montana — Maps. I. Hassemer, Jerry H. II. Title. III. Butte 1°x 2°quadrangle, Montana. IV. Series: U.S. Geological Survey open-file report ; 84-18. OCLC 11669676

85-12826

I 19.76:84-71

Plantz, Gerald G.

Hydrologic reconnaissance of the Kolob, Alton, and Kaiparowits Plateau coal fields, south-central Utah [[microform]] / by Gerald G. Plantz ; prepared in cooperation with the U.S. Bureau of Land Management. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey ; Lakewood, Colo. : Open-File Services Section, Western Distribution Branch, U.S. Geological Survey, [1984?]

1 v. : ill., 3 maps ; 28 cm. — (Open-file report ; 84-071) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 2 microfiches ; 11 x 15 cm. Bibliography: leaves 15-17. ●Item 624-H (microfiche)

1. Water, Underground — Utah. 2. Hydrology — Utah. 3. Coal mines and mining — Environmental aspects — Utah. I. United States. Bureau of Land Management. II. Geological Survey (U.S.) III. Title. IV. Series: U.S. Geological Survey open-file report ; 84-071. OCLC 11694368

85-12827

I 19.76:84-73

Hiergesell, Robert A.

Descriptive, geologic, and borehole geophysical logs for 23 test holes in south-central Nebraska [[microform]] / by Robert A. Hiergesell ; prepared in cooperation with the Nebraska Natural Resources Commission, Lower Republican and Tri-Basin Natural Resources Districts. — [Reston, Va.?] : U.S.

Dept. of the Interior, Geological Survey ; Denver, CO : Open-File Services Section, Western Distribution Branch, [1984?]

1 v. : ill. ; 28 cm. — (U.S. Geological Survey open-file report ; 84-073) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 2 microfiches ; 11 x 15 cm. Bibliography: p. 11-12. ●Item 624-H (microfiche)

1. Borings — Nebraska. I. Nebraska Natural Resources Commission. II. Lower Republican Natural Resource District (Neb.) III. Tri-Basin Natural Resource District (Neb.) IV. Geological Survey (U.S.) V. Title. VI. Series. OCLC 11694402

85-12828

I 19.76:84-93

Geological Survey (U.S.)

Reconnaissance geologic map of the La Purisima-Paso Hondo area, Baja California Sur, Mexico [[microform]] / Department of the Interior, United States Geological Survey ; by Hugh McLean and B.P. Hausback. Scale 1:83,333 (W 112°20'—W 112°00'/N 26°30'—N 26°00'). — [Reston, Va.?] : The Survey, 1983.

1 map ; 67 x 40 cm., on sheet 107 x 76 cm. (Open-file report ; 84-93) Contour interval 50 meters. Text, index map, 1 cross section, and 1 table on sheet. "Base enlarged 3x from Mexico 1:250,000 topographic map G 12-4." Includes bibliography. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geology — Mexico — Baja California Peninsula — Maps. I. McLean, Hugh, 1939-. II. Hausback, B. P. III. Title. IV. Series: Open-file report (Geological Survey (U.S.)) ; 84-93. OCLC 11745267

85-12829

I 19.76:84-113

Ludwig, K. R.

PBDAT, a program for reduction of Pb-U-Th isotope data, for use with HP-86/87 microcomputers [[microform]] / by K.R. Ludwig. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey, 1984.

1 v. ; 28 cm. — (Open-file report ; 84-113) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 24. Includes index. ●Item 624-H (microfiche)

1. Isotope geology — United States — Computer programs. I. Geological Survey (U.S.) II. Title. III. Series: U.S. Geological Survey open-file report ; 84-113. OCLC 11694357

85-12830

I 19.76:84-152

Geological Survey (U.S.)

Geologic map and sections of the southwestern Kenai Peninsula west of the Port Graham Fault, Alaska [[microform]] / Department of the Interior, United States Geological Survey ; by J.S. Kelley. Scale 1:63,360 (W 152°00'—W 151°40'/N 59°27'—N 59°13') — [Reston, Va.?] : The Survey, 1983.

1 map and 3 sections on 1 sheet ; 65 x 85 cm. (Open-file report ; 84-152) Relief shown by contours and spot heights. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 1 microfiche ; 10 x 15 cm. ●Item 624-H (microfiche)

1. Geology — Alaska — Maps. 2. Geology, Stratigraphic — Charts, diagrams, etc. 3. Faults (Geology) — Alaska — Maps. I. Kelley, J. S. II. Title. III. Series: Open-file report (Geological Survey (U.S.)) ; 84-152. OCLC 11773582

85-12831

I 19.76:84-259

Geological Survey (U.S.)

Aeromagnetic map of the San Francisco Peaks area, Arizona [[microform]] / by U.S. Geological Survey ; flown and compiled by Diversified Technical Services, Inc. Scale 1:62,500 (W 112°07'30"—W 111°00'00"/N 45°00'00"—N 35°00'00"). — [Reston, Va.?] : The Survey, 1984.

1 map on 8 sheets ; 77 x 139 cm. or smaller. (Open-file report ; 84-259) Relief shown by contours and spot heights. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1983?]. 1 microfiche ; 11 x 15 cm. Includes location map. ●Item 624-H (microfiche)

1. Magnetism, Terrestrial — Arizona — Maps. 2. Magnetic anomalies — Arizona — Maps. I. Diversified Technical Services, Inc. II. Title. III. Title: San Francisco Peaks area, Arizona, aeromagnetic map. IV. Series: U.S. Geological Survey open-file report ; 84-259. OCLC 11774527

85-12832

I 19.76:84-266

Hasbrouck, Wilfred P.

The Lanczos-preconditioned, folded skin (sin x)/x interpolator [[microform]] : discussion and desktop-computer program in BASIC / by W.P. Hasbrouck and L.F. Bailey. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey, 1984.

1 v. : ill. ; 28 cm. — (Open-file report ; 84-266) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 9. ●Item 624-H (microfiche)

1. Interpolation. I. Bailey, L. F. II. Geological Survey (U.S.) III. Title. IV. Series: U.S. Geological Survey open-file report ; 84-266. OCLC 11694325

85-12833

I 19.76:84-275

Crovelli, Robert A.

Computer program directory for petroleum assessment of wilderness lands in the western United States [[microform]] / Robert A. Crovelli, Richard H. Balay. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey, 1984.

1 v. ; 28 cm. — (Open-file report ; 84-275) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 14. ●Item 624-H (microfiche)

1. Geochemical prospecting — West (U.S.) 2. Petroleum — West (U.S.) 3. Wilderness areas — West (U.S.) I. Balay, Richard H. II. Geological Survey (U.S.) III. Title. IV. Series: U.S. Geological Survey open-file report ; 84-275. OCLC 11694373

85-12834

I 19.76:84-279

Skipp, Betty, 1928-

Geology, geochemistry, and mineral resource potential of the Eighteenmile Wilderness study area p (ID-43-3), Lemhi County, Idaho [[microform]] : (GEM phase 2) / by Betty Skipp, Jerry R. Hassemer, and David E. Detra. — [Reston, Va.?] : U.S. Dept. of the Interior, Geological Survey, 1984.

1 v. : maps ; 28 cm. — (Open-file report ; 84-279) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 2 microfiches ; 11 x 15 cm. Bibliography: p. 36-39. ●Item 624-H (microfiche)

1. Mines and mineral resources — Idaho — Lemhi County. 2. Geochemistry — Idaho — Lemhi County. I. Hassemer, Jerry R. II. Detra, D. E. III. Geological Survey (U.S.) IV. Title. V. Series: U.S. Geological Survey open-file report ; 84-279. OCLC 11694345

# Geological Survey — Interior Dept.

85-12835

I 19.76:84-282

Snavely, Parke Detweiler, 1919-

Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf [microform] / P.D. Snavely, Jr. and R.E. Wells; prepared in cooperation with Minerals Management Service. — [Reston, Va.]: U.S. Dept. of the Interior, Geological Survey, 1984.

1 v. : ill., 3 maps; 28 cm. — (Open-file report; 84-282) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 2 microfiches; 11 x 15 cm. Bibliography: p. 15-17. ●Item 624-H (microfiche)

1. Volcanic ash, tuff, etc. — Oregon. 2. Volcanic ash, tuff, etc. — Washington (State) 3. Intrusions (Geology) — Oregon. 4. Intrusions (Geology) — Washington (State) I. Wells, Ray E. II. United States. Minerals Management Service. III. Geological Survey (U.S.) IV. Title. V. Series: U.S. Geological Survey open-file report; 84-282. OCLC 11694394

85-12836

I 19.76:84-334

Hasbrouck, Wilfred P.

Coal-seismic, desktop computer programs in BASIC [microform] / by Wilfred P. Hasbrouck. — [Reston, Va.]: U.S. Dept. of the Interior, U.S. Geological Survey, 1984.

v. : ill.; 28 cm. — (Open-file report; 84-334) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. microfiches; 11 x 15 cm. Bibliography: pt. 9, p. 25. Contents: pt. 9. Compute static corrections using an ABC method applied to six-fold, two-way field data. ●Item 624-H (microfiche)

1. Seismic prospecting — United States — Computer programs. I. Geological Survey (U.S.) II. Title. III. Series: U.S. Geological Survey open-file report; 84-334. OCLC 11694337

85-12837

I 19.76:84-339

Summary report on the regional geology, petroleum potential, environmental consideration for development, and estimates of undiscovered recoverable oil and gas resources of the United States Gulf of Mexico Continental Margin in the area of proposed oil and gas lease sales nos. 81 and 84 [microform] / edited by Richard Q. Foote. — [Reston, Va.]: U.S. Dept. of the Interior, U.S. Geological Survey; [Washington, D.C.]: U.S. Minerals Management Service, [1984?]

1 v. : ill., maps; 28 cm. — (U.S. Geological Survey open-file report; 84-339) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 3 microfiches; 11 x 15 cm. Includes bibliographies. ●Item 624-H (microfiche)

1. Petroleum in submerged lands — Mexico, Gulf of. 2. Oil and gas leases — Mexico, Gulf of. I. Foote, Richard Q. II. Geological Survey (U.S.) III. United States. Minerals Management Service. IV. Series. OCLC 11694354

85-12838

I 19.76:84-359

Andreasen, Gordon E., 1924-

Report on mineral resources geophysics program for Egypt [microform] / by G.E. Andreasen; prepared in cooperation with the Egyptian Geological Survey and Mining Authority, under the auspices of the Agency for International Development, U.S. Department of State. — [Reston, Va.]: Dept. of the Interior, U.S. Geological Survey, 1984.

1 v. : ill., maps; 28 cm. — (Open-file report; 84-359) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984]. 1 microfiche; 11 x 15 cm. Bibliography: leaves 27-28. ●Item 624-H (microfiche)

1. Geophysics — Egypt. 2. Mines and mineral resources — Egypt. I. Hayah al-Misriyah al-Ammah lil-Misahah al-Jiyu-

lujiyah wa-al-Mashruat al-Tadiniyah. II. United States. Agency for International Development. III. Geological Survey (U.S.) IV. Title. V. Series: U.S. Geological Survey open-file report; 84-359. OCLC 11682869

85-12839

I 19.76:84-629-L

Geological Survey (U.S.)

Mineral resource potential of the Silver City 1°x 2° quadrangle, New Mexico-Arizona [microform : Map L - Zeolites and diatomite resource potential] / Department of the Interior, U.S. Geological Survey; by D.H. Richter and W.N. Sharp. Scale 1:250,000 (W 110°—W 108°/N 33°—N 32°) — [Reston, Va.]: The Survey, 1984.

1 map; 46 x 78 cm. (Open-file report; 84-629-L) Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984]. 1 microfiche; 11 x 15 cm. Includes quadrangle location map. ●Item 624-H (microfiche)

1. Zeolites — New Mexico — Maps. 2. Zeolites — Arizona — Maps. 3. Diatomaceous earth — New Mexico — Maps. 4. Diatomaceous earth — Arizona — Maps. I. Richter, Donald H. II. Sharp, William N. (William Neil), 1922- III. Title. IV. Title: Silver City 1°x 2°quadrangle, New Mexico-Arizona. V. Series: U.S. Geological Survey open-file report; 84-629-L. OCLC 11651818

85-12840

I 19.76:84-632

Geological Survey (U.S.)

Map of marine geology of Upper Muir and Wachusett Inlets, Glacier Bay, Alaska : sediment distribution and thickness, bathymetry, and interpreted seismic profiles [[microform]] / Department of the Interior, United States Geological Survey; by Bruce F. Molnia ... [et al.]. Scale 1:40,000; transverse Mercator proj. (W 136°25'—W 136°00'/N 59°06'—N 58°54'). — [Reston, Va.]: The Survey, 1984.

1 map and 16 profiles; on sheets 74 x 101 cm. and smaller. (Open-file report; 84-632) "Bathymetric contour interval 50 meters." Text, index map, and bibliography on sheet 1. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 2 microfiches; 11 x 15 cm. ●Item 624-H (microfiche)

1. Sediments (Geology) — Alaska — Glacier Bay — Maps. I. Molnia, Bruce. II. Title. III. Series: Open-file report (Geological Survey (U.S.)); 84-632. OCLC 11768821

85-12841

I 19.76:84-660

Geological Survey (U.S.)

Geologic map of the Lynndyl 30 x 60 minute quadrangle, Tooele, Juab, Utah, and Millard Counties, Utah [[microform]] / Department of the Interior, U.S. Geological Survey; by Earl H. Pampeyan. Scale 1:100,000 (W 113°00'—W 112°00'/N 40°00'—N 39°30'). — [Reston, Va.]: The Survey, 1984.

1 map; 85 x 56 cm. 1 pamphlet (20 p. : ill., maps; 28 cm.) (Open-file report; 84-660) Relief shown by contours and spot heights. Quadrangle location map and index to 1:24,000-scale maps on sheet. Pamphlet includes bibliography. Microfiche. [Denver, Colo. : U.S. Geological Survey, 1984?]. 2 microfiches; 11 x 15 cm. ●Item 624-H (microfiche)

1. Geology — Utah — Maps. I. Pampeyan, Earl Haig, 1925- II. Title. III. Title: Lynndyl 30 x 60 minute quadrangle, Tooele, Juab, Utah, and Millard Counties, Utah, geologic map. IV. Series: Open-file report (Geological Survey (U.S.)); 84-660. OCLC 11768551

85-12842

I 19.76:84-666

Geological Survey (U.S.)

Aeromagnetic map of the Craig area, Alaska [[microform]] / by U.S. Geological Survey; flown and compiled by Diversified Technical Services, Inc. Scale 1:250,000 (W 134°30'—W 131°50'N 56°00'—N 54°30'). — [Reston, Va.]: U.S. Geological Survey, 1984.

3 maps; 70 x 64 cm. and smaller, on sheets 92 x 90 cm. and 46 x 61 cm. (Open-file report; 84-666) "Contour interval, 50 gammas." Location maps on sheets. Microfiche. [Denver, Colo.: U.S. Geological Survey, 1984?]. 1 microfiche; 11 x 15 cm. ●Item 624-H (microfiche)

1. Magnetism, Terrestrial — Alaska — Craig — Maps. 2. Magnetic anomalies — Alaska — Craig — Maps. I. Diversified Technical Services, Inc. II. Title. III. Title: Craig area, Alaska, aeromagnetic map. IV. Series: Open-file report (Geological Survey (U.S.)); 84-666. OCLC 11767971

85-12843

I 19.80:Ae 8/3

How to obtain aerial photographs. — Reston, Va.: Dept. of the Interior, U.S. Geological Survey, National Cartographic Information Center (NCIC), [1984]

1 sheet: ill. (some col.), 1 form; 31 x 23 folded to 11 x 23 cm. At head of title: National Mapping Program. ●Item 619-G-2

1. Maps. 2. Photography, Aerial. I. National Cartographic Information Center. OCLC 11765697

85-12844

I 19.81:20156-F 3-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic): [Hawaii]. 20156-F3-TF-024, Puu O Kali quadrangle, Hawaii - Maui Co., Island of Maui / mapped, edited, and published by the Geological Survey. Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000; transverse Mercator proj. (W 156°27'30"—W 156°20'00"/N 20°50'00"—N 20°43'30"). — Reston, Va.: The Survey: For sale by the USGS, [19—].

maps: col.; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. ●Item 619-M-11

1. Hawaii—Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Puu O Kali quadrangle, Hawaii - Maui Co., Island of Maui. OCLC 10560606

85-12845

I 19.81:20156-F 4-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic): [Hawaii]. 20156-F4-TF-024, Maalea quadrangle, Hawaii - Maui Co., Island of Maui / mapped, edited, and published by the Geological Survey. Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000; transverse Mercator proj. (W 156°35'00"—W 156°27'30"/N 20°50'00"—N 20°42'30"). — Reston, Va.: The Survey: For sale by the USGS, [19—].

maps: col.; 69 x 56 cm. Relief shown by contours and spot heights. Depths shown by soundings and isolines. Map edited 1983 and printed 1984. Includes quadrangle location map. ●Item 619-M-11

1. Hawaii—Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Maalea quadrangle, Hawaii - Maui Co., Island of Maui. OCLC 10560606

85-12846

I 19.81:20156-G 2-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic): [Hawaii]. 20156-G2-TF-024, Haiku quadrangle, Hawaii - Maui Co., Island of Maui / mapped, edited, and published by the Geological Survey.

Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000; transverse Mercator proj. (W 156°20'00"—W 156°12'30"/N 20°57'30"—N 20°50'00"). — Reston, Va.: The Survey: For sale by the USGS, [19—].

maps: col.; 69 x 56 cm. Relief shown by contours and spot heights. Depths shown by soundings and isolines. Map edited 1983 and printed 1984. Includes quadrangle location map. ●Item 619-M-11

1. Hawaii—Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Haiku quadrangle, Hawaii - Maui Co., Island of Maui. OCLC 10560606

85-12847

I 19.81:21157-C 7-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic): [Hawaii]. 21157-C7-TF-024, Honolulu quadrangle, Hawaii - Honolulu Co., Island of Oahu / mapped, edited, and published by the Geological Survey. Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000; transverse Mercator proj. (W 157°54'00"—W 157°46'30"/N 21°22'30"—N 21°15'00"). — Reston, Va.: The Survey: For sale by the USGS, [19—].

maps: col.; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. ●Item 619-M-11

1. Hawaii—Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Honolulu quadrangle, Hawaii - Honolulu Co., Island of Oahu. OCLC 10560606

85-12848

I 19.81:21157-C 8-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic): [Hawaii]. 21157-C8-TF-024, Pearl Harbor, Hawaii - Honolulu Co., Island of Oahu / mapped, edited, and published by the Geological Survey. Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000; transverse Mercator proj. (W 158°01'30"—W 157°54'00"/N 21°22'30"—N 21°15'00"). — Reston, Va.: The Survey: For sale by the USGS, [19—].

maps: col.; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. ●Item 619-M-11

1. Hawaii—Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Pearl Harbor quadrangle, Hawaii - Honolulu Co., Island of Oahu. OCLC 10560606

85-12849

I 19.81:21157-D 8-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic): [Hawaii]. 21157-D8-TF-024, Waipahu quadrangle, Hawaii - Honolulu Co., Island of Oahu / mapped, edited, and published by the Geological Survey. Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000; transverse Mercator proj. (W 158°01'34"—W 157°54'00"/N 21°30'00"—N 21°22'30"). — Reston, Va.: The Survey: For sale by the USGS, [19—].

maps: col.; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. ●Item 619-M-11

1. Hawaii—Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Waipahu quadrangle, Hawaii - Honolulu Co., Island of Oahu. OCLC 10560606

85-12850

I 19.81:21158-F 1-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic): [Hawaii]. [21158-F1-TF-024], Waimea Canyon quadrangle, Hawaii - Kauai Co., 1983 / mapped, edited, and published by the Geological Survey.

## Geological Survey — Interior Dept.

Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000 ; transverse Mercator proj. (W 159°40'00"—W 159°32'30"/N 22°07'00"—N 21°59'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. ●Item 619-M-11

I. Hawaii — Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Waimea Canyon quadrangle, Hawaii - Kauai Co. OCLC 10560606

85-12851

I 19.81:21159-H 5-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Hawaii]. [21159-H5-TF-024], Hanapepe quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 / mapped, edited, and published by the Geological Survey. Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000 ; transverse Mercator proj. (W 159°40'00"—W 159°32'30"/N 21°59'30"—N 21°52'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]. maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Depths shown by isolines and soundings. Map edited 1983, printed 1984. Includes quadrangle location map. ●Item 619-M-11

I. Hawaii — Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Hanapepe quadrangle, Hawaii - Kauai Co., island of Kauai. OCLC 10560606

85-12852

I 19.81:22159-A 6-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Hawaii]. [22159-A6-TF-024], Makaha Point quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 / mapped, edited, and published by the Geological Survey. Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000 ; transverse Mercator proj. (W 159°47'30"—W 159°40'00"/N 22°11'00"—N 22°03'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—]. maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Depths shown by isolines and soundings. Map edited 1983, printed 1984. Includes quadrangle location map. ●Item 619-M-11

I. Hawaii — Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Makaha Point quadrangle, Hawaii - Kauai Co., island of Kauai. OCLC 10560606

85-12853

I 19.81:22159-B 3-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Hawaii]. [22159-B3-TF-024], Anahola quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 / mapped, edited, and published by the Geological Survey. Rev. in cooperation with Hawaii Dept. of Transportation. Scale 1:24,000 ; transverse Mercator proj. (W 159°25'00"—W 159°17'30"/N 22°14'30"—N 22°07'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]. maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Depths shown by isolines and soundings. Map edited 1983, printed 1984. Includes quadrangle location map. ●Item 619-M-11

I. Hawaii — Maps, Topographic. I. Hawaii. Dept. of Transportation. II. Title. III. Title: Anahola quadrangle, Hawaii - Kauai Co., island of Kauai. OCLC 10560606

85-12854

I 19.81:33802-A 7-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Georgia]. 33802-A7-TF-024, Warthen quadrangle, Georgia - Washington Co., 1961 / mapped, edited, and published by the Geological Survey ;

State of Georgia : Department of Mines, Mining, and Geology ; Division of Conservation. Photorevised 1984. Scale 1:24,000 ; polyconic proj. (W 82°52'30"—W 82°45'00"/N 33°07'30"—N 33°00'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple and woodland compiled in cooperation with State of Georgia agencies from aerial photographs taken 1981." Map edited and printed 1984. Includes quadrangle location map. "DMA 4450 III SE - Series V845." ●Item 619-M-10

I. Georgia — Maps, Topographic. I. Georgia. Dept. of Mines, Mining and Geology. II. Georgia. State Division of Conservation. III. Title. IV. Title: Warthen quadrangle, Georgia - Washington Co. OCLC 10588606

85-12855

I 19.81:35096-H 1-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Oklahoma]. [35096-H1-TF-024], Sapulpa South quadrangle, Oklahoma, 1958 / mapped, edited, and published by the Geological Survey ; Tulsa Metropolitan Area Planning Commission. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 96°07'30"—W 96°00'00"/N 36°00'00"—N 35°52'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple and woodland compiled from aerial photographs taken 1980." Map edited and printed 1983. Includes quadrangle location map. "DMA 6755 I NE - Series V883." ●Item 619-M-36

I. Oklahoma — Maps, Topographic. I. Tulsa Metropolitan Area Planning Commission. II. Title. III. Title: Sapulpa South quadrangle, Oklahoma. OCLC 11456792

85-12856

I 19.81:36121-E 8-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [California]. [36121-E8-TF-024], Monterey quadrangle, California - Monterey Co., 1947 / mapped by the Army Map Service ; published for civil use by the Geological Survey. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 122°00'00"—W 121°52'30"/N 36°38'45"—N 36°30'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Depths shown by isolines and soundings. "Revisions shown in purple compiled from aerial photographs taken 1981." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 1657 III SW - Series V895." ●Item 619-M-5

I. California — Maps, Topographic. I. United States. Army Map Service. II. Title. III. Title: Monterey quadrangle, California - Monterey Co. OCLC 11456418

85-12857

I 19.81:39090-C 1-TM-024/prov.

Geological Survey (U.S.)

7.5 minute series (topographic) : [Illinois]. 39090-C1-TM-024, Hettick quadrangle, Illinois - Macoupin Co. / produced by the United States Geological Survey. Provisional ed. Scale 1:24,000 ; universal transverse Mercator (W 90°07'30"—W 90°00'00"/N 39°22'30"—N 39°15'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Produced from original manuscript drawings." Compiled from photographs taken 1978-79, field checked 1980, edited 1983, and printed 1984. Includes quad-

range location map and index to adjoining quadrangles.  
●Item 619-M-13

I. Illinois — Maps, Topographic. I. Title. II. Title: Hettick quadrangle, Illinois - Macoupin Co. OCLC 11396367

85-12858

I 19.81:39090-D 2-TM-024/prov.

Geological Survey (U.S.)

7.5 minute series (topographic) : [Illinois]. 39090-D2-TM-024, Athensville quadrangle, Illinois / produced by the United States Geological Survey. Provisional ed. Scale 1:24,000 ; universal transverse Mercator (W 90°15'00"—W 90°07'30"/N 39°30'00"—N 39°22'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Produced from original manuscript drawings." Compiled from photographs taken 1978, field checked 1980, edited 1983, and printed 1984. Includes quadrangle location map and index to adjoining quadrangles. ●Item 619-M-13

I. Illinois — Maps, Topographic. I. Title. II. Title: Athensville quadrangle, Illinois. OCLC 11396367

85-12859

I 19.81:41071-C 8-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Connecticut]. 41071-C8-TF-024, Mystic quadrangle, Connecticut - New York - Rhode Island / mapped, edited, and published by the Geological Survey, in cooperation with Connecticut Department of Environmental Protection. Scale 1:24,000 ; Lambert conformal conic proj. (W 72°00'00"—W 71°52'30"/N 41°22'30"—N 41°15'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Depth shown by isolines and soundings. Map edited and printed 1984. Includes quadrangle location map. "DMA 6666 IV SW - Series V816." ●Item 619-M-7

I. Connecticut — Maps, Topographic. 2. New York (State) — Maps, Topographic. 3. Rhode Island — Maps, Topographic. I. Connecticut. Dept. of Environmental Protection. II. Title. III. Title: Mystic quadrangle, Connecticut - New York - Rhode Island. OCLC 11363431

85-12860

I 19.81:41072-D 6-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Connecticut]. 41072-D6-TF-024, Durham quadrangle, Connecticut, 1964 / mapped, edited, and published by the Geological Survey ; State of Connecticut Highway Department. Scale 1:24,000 ; polyconic proj. (W 72°45'00"—W 72°37'30"/N 41°30'00"—N 41°22'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple and woodland compiled in cooperation with State of Connecticut agencies from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6466 I NW - Series V816." ●Item 619-M-7

I. Connecticut — Maps, Topographic. I. Connecticut. Bureau of Highways. II. Connecticut. III. Title. IV. Title: Durham quadrangle, Connecticut. OCLC 10593192

85-12861

I 19.81:41072-E 8-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Connecticut]. 41072-E8-TF-024, Southington quadrangle, Connecticut, 1968 / mapped, edited, and published by the Geological Survey ; revised in cooperation with Connecticut Highway Department.

Scale 1:24,000 ; polyconic proj. (W 73°00'00"—W 72°52'30"/N 41°37'30"—N 41°30'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple and woodland compiled in cooperation with State of Connecticut agencies from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6467 III SW - Series V816." ●Item 619-M-7

I. Connecticut — Maps, Topographic. I. Connecticut. Bureau of Highways. II. Connecticut. III. Title. IV. Title: Southington quadrangle, Connecticut. OCLC 10593192

85-12862

I 19.81:41073-C 3-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Connecticut]. 41073-C3-TF-024, Botsford quadrangle, Connecticut - Fairfield Co., 1969 / mapped, edited, and published by the Geological Survey ; State of Connecticut Highway Department. Scale 1:24,000 ; polyconic proj. (W 73°22'30"—W 73°15'00"/N 41°22'30"—N 41°15'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple and woodland compiled in cooperation with State of Connecticut agencies from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6366 IV SE - Series V816." ●Item 619-M-7

I. Connecticut — Maps, Topographic. I. Connecticut. Bureau of Highways. II. Connecticut. III. Title. IV. Title: Botsford quadrangle, Connecticut - Fairfield Co. OCLC 10593192

85-12863

I 19.81:41073-G 3-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Connecticut]. 41073-G 3-TF-024, Cornwall quadrangle, Connecticut - Litchfield Co., 1956 / mapped, edited, and published by the Geological Survey ; State of Connecticut Highway Department. Scale 1:24,000 ; polyconic proj. (W 73°22'30"—W 73°15'00"/N 41°52'30"—N 41°45'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple and woodland compiled in cooperation with State of Connecticut agencies from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6367 IV SE - Series V816." ●Item 619-M-7

I. Connecticut — Maps, Topographic. I. Connecticut. Bureau of Highways. II. Connecticut. III. Title. IV. Title: Cornwall quadrangle, Connecticut - Litchfield Co. OCLC 10593192

85-12864

I 19.81:41073-G 3-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Connecticut]. 41073-G 3-TF-024, Cornwall quadrangle, Connecticut - Litchfield Co., 1956 / mapped, edited, and published by the Geological Survey ; State of Connecticut Highway Department. Scale 1:24,000 ; polyconic proj. (W 73°22'30"—W 73°15'00"/N 41°52'30"—N 41°45'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple and woodland compiled in cooperation with State of Connecticut agencies

## Geological Survey — Interior Dept.

from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6367 IV SE - Series V816." ●Item 619-M-7

I. Connecticut — Maps, Topographic. I. Connecticut. Bureau of Highways. II. Connecticut. III. Title. IV. Title: Cornwall quadrangle, Connecticut - Litchfield Co. OCLC 10593192

85-12865

I 19.81:41081-A 4-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Ohio]. 41081-A4-TF-024, Akron East quadrangle, Ohio, 1967 / mapped, edited and published by the Geological Survey ; state of Ohio, Department of Highways ; Department of Natural Resources, Division of Geologic Survey. Photorevised 1984. Scale 1:24,000 ; polyconic proj. (W 81°30'00"—W 81°22'30"/N 41°07'30"—N 41°00'00"). — Reston, Va. : U.S. Geological Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple and woodland compiled in cooperation with State of Ohio agencies from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 4766 III SW - Series V852." ●Item 619-M-35

I. Ohio — Maps, Topographic. I. Ohio. Dept. of Highways. II. Ohio. Division of Geological Survey. III. Title. IV. Title: Akron East quadrangle, Ohio. OCLC 11427924

85-12866

I 19.81:41089-G 4-TM-024/prov.

Geological Survey (U.S.)

7.5 minute series (topographic) : [Illinois]. 41089-G4-TM-024, Dixon East quadrangle, Illinois - Lee Co. / produced by the United States Geological Survey. Provisional ed. Scale 1:24,000 ; universal transverse Mercator (W 89°30'00"—W 89°22'30"/N 41°52'30"—N 41°45'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Produced from original manuscript drawings." Compiled from photographs taken 1977, field checked 1981, edited 1983, and printed 1984. Includes quadrangle location map and index to adjoining quadrangles. ●Item 619-M-13

I. Illinois — Maps, Topographic. I. Title. II. Title: Dixon East quadrangle, Illinois - Lee Co. OCLC 11396367

85-12867

I 19.81:41089-G 5-TM-024/prov.

Geological Survey (U.S.)

7.5 minute series (topographic) : [Illinois]. 41089-G5-TM-024, Dixon West quadrangle, Illinois - Lee Co. / produced by the United States Geological Survey. Provisional ed. Scale 1:24,000 ; universal transverse Mercator (W 89°37'30"—W 89°30'00"/N 41°52'30"—N 41°45'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Produced from original manuscript drawings." Compiled from photographs taken 1977, field checked 1981, edited 1983, and printed 1984. Includes quadrangle location map and index to adjoining quadrangles. ●Item 619-M-13

I. Illinois — Maps, Topographic. I. Title. II. Title: Dixon West quadrangle, Illinois - Lee Co. OCLC 11396367

85-12868

I 19.81:41089-H 4-TM-024/prov.

Geological Survey (U.S.)

7.5 minute series (topographic) : [Illinois]. 41089-H4-TM-024, Grand Detour quadrangle, Illinois / produced by the United States Geological Survey. Provisional ed. Scale

1:24,000 ; universal transverse Mercator (W 89°30'00"—W 89°22'30"/N 42°00'00"—N 41°52'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Produced from original manuscript drawings." Compiled from photographs taken 1977, field checked 1981, edited 1983, and printed 1984. Includes quadrangle location map and index to adjoining quadrangles. ●Item 619-M-13

I. Illinois — Maps, Topographic. I. Title. II. Title: Grand Detour quadrangle, Illinois. OCLC 11396367

85-12869

I 19.81:42083-B 5-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-B5-TF-024], Ypsilanti East quadrangle, Michigan, 1967 / mapped, edited, and published by the Geological Survey in cooperation with State of Michigan agencies. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°37'30"—W 83°30'00"/N 42°15'00"—N 42°07'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4268 II NE - Series V862." ●Item 619-M-22

I. Michigan — Maps, Topographic. I. Michigan. II. Title. III. Title: Ypsilanti East quadrangle, Michigan. OCLC 11394468

85-12870

I 19.81:42083-B 6-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-B6-TF-024], Ypsilanti West quadrangle, Michigan - Washtenaw Co., 1967 / mapped, edited, and published by the Geological Survey in cooperation with State of Michigan agencies. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°45'00"—W 83°37'30"/N 42°15'00"—N 42°07'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4268 II NW - Series V862." ●Item 619-M-22

I. Michigan — Maps, Topographic. I. Michigan. II. Title. III. Title: Ypsilanti West quadrangle, Michigan - Washtenaw Co. OCLC 11394468

85-12871

I 19.81:42083-C 7-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-C7-TF-024], Ann Arbor West quadrangle, Michigan - Washtenaw Co., 1965 / mapped, edited, and published by the Geological Survey. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°52'30"—W 83°45'00"/N 42°22'30"—N 42°15'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4268 IV SE - Series V862." ●Item 619-M-22

I. Michigan — Maps, Topographic. I. Title. II. Title: Ann Arbor West quadrangle, Michigan - Washtenaw Co. OCLC 11394468

85-12872

**I 19.81:42083-D 3-TF-024**

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-D3-TF-024], Redford quadrangle, Michigan, 1968 / mapped, edited, and published by the Geological Survey in cooperation with State of Michigan agencies. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°22'30"—W 83°15'00"/N 42°30'00"—N 42°22'30").—Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4368 IV NE - Series V862." ●Item 619-M-22

1. Michigan—Maps, Topographic. I. Michigan. II. Title. III. Title: Redford quadrangle, Michigan. OCLC 11394468

85-12873

**I 19.81:42083-D 7-TF-024**

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-D7-TF-024], Hamburg quadrangle, Michigan, 1965 / mapped, edited, and published by the Geological Survey. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°52'30"—W 83°45'00"/N 42°30'00"—N 42°22'30").—Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4268 IV NE - Series V862." ●Item 619-M-22

1. Michigan—Maps, Topographic. I. Title. II. Title: Hamburg quadrangle, Michigan. OCLC 11394468

85-12874

**I 19.81:42083-E 3-TF-024**

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-E3-TF-024], Pontiac South quadrangle, Michigan - Oakland Co., 1968 / mapped, edited, and published by the Geological Survey in cooperation with State of Michigan agencies. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°22'30"—W 83°15'00"/N 42°37'30"—N 42°30'00").—Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4369 III SE - Series V862." ●Item 619-M-22

1. Michigan—Maps, Topographic. I. Michigan. II. Title. III. Title: Pontiac South quadrangle, Michigan - Oakland Co. OCLC 11394468

85-12875

**I 19.81:42083-F 6-TF-024**

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-F6-TF-024], West Highland quadrangle, Michigan, 1968 / mapped, edited, and published by the Geological Survey in cooperation with State of Michigan agencies. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°45'00"—W 83°37'30"/N 42°45'00"—N 42°37'30").—Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4269 II NW - Series V862." ●Item 619-M-22

1. Michigan—Maps, Topographic. I. Michigan. II. Title. III. Title: West Highland quadrangle, Michigan. OCLC 11394468

85-12876

**I 19.81:42083-G 4-TF-024**

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-G4-TF-024], Ortonville quadrangle, Michigan - Oakland Co., 1968 / mapped, edited, and published by the Geological Survey in cooperation with State of Michigan agencies. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°30'00"—W 83°22'30"/N 42°52'30"—N 42°45'00").—Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4369 IV SW - Series V862." ●Item 619-M-22

1. Michigan—Maps, Topographic. I. Michigan. II. Title. III. Title: Ortonville quadrangle, Michigan - Oakland Co. OCLC 11394468

85-12877

**I 19.81:42083-G 6-TF-024**

Geological Survey (U.S.)

7.5 minute series (topographic) : [Michigan]. [42083-G6-TF-024], Fenton quadrangle, Michigan, 1969 / mapped, edited, and published by the Geological Survey in cooperation with State of Michigan agencies. Photorevised 1983. Scale 1:24,000 ; polyconic proj. (W 83°45'00"—W 83°37'30"/N 42°52'30"—N 42°45'00").—Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 4269 I SW - Series V862." ●Item 619-M-22

1. Michigan—Maps, Topographic. I. Michigan. II. Title. III. Title: Fenton quadrangle, Michigan. OCLC 11394468

85-12878

**I 19.81:48095-C 8-TF-024**

Geological Survey (U.S.)

7.5 minute series (topographic) : [Minnesota]. 48095-C8-TF-024, Gatzke SW quadrangle, Minnesota - Marshall Co., 1962 / mapped, edited, and published by the Geological Survey. Photorevised 1984. Scale 1:24,000 ; polyconic proj. (W 96°00'00"—W 95°52'30"/N 48°22'30"—N 48°15'00").—Reston, Va. : The Survey : For sale by the USGS, [19—].

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6880 IV SW - Series V872." ●Item 619-M-23

1. Minnesota—Maps, Topographic. I. Title. II. Title: Gatzke SW quadrangle, Minnesota - Marshall Co. OCLC 11427950

85-12879

**I 19.81:48095-G 1-TF-024**

Geological Survey (U.S.)

7.5 minute series (topographic) : [Minnesota]. 48095-G1-TF-024, Roosevelt quadrangle, Minnesota, 1967 / mapped, edited, and published by the Geological Survey : state of Minnesota, Department of Administration. Photorevised 1984. Scale 1:24,000 ; polyconic proj. (W 95°07'30"—W 95°00'00"/N 48°52'30"—N 48°45'00").—Reston, Va. : The Survey : For sale by the USGS, [19—].

## Geological Survey — Interior Dept.

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6981 I SE - Series V872." ●Item 619-M-23

1. Minnesota — Maps, Topographic. I. Minnesota. Dept. of Administration. II. Title. III. Title: Roosevelt quadrangle, Minnesota. OCLC 11427950

85-12880

I 19.81:48095-G 3-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Minnesota]. 48095-G3-TF-024, Warroad SE quadrangle, Minnesota - Roseau Co., 1967 / mapped, edited, and published by the Geological Survey ; state of Minnesota, Department of Administration. Photorevised 1984. Scale 1:24,000 ; polyconic proj. (W 95°22'30"—W 95°15'00"/N 48°52'30"—N 48°45'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6981 IV SE - Series V872." ●Item 619-M-23

1. Minnesota — Maps, Topographic. I. Minnesota. Dept. of Administration. II. Title. III. Title: Warroad SE quadrangle, Minnesota - Roseau Co. OCLC 11427950

85-12881

I 19.81:48095-G 4-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Minnesota]. 48095-G4-TF-024, Warroad SW quadrangle, Minnesota - Roseau Co., 1967 / mapped, edited, and published by the Geological Survey ; state of Minnesota, Department of Administration. Photorevised 1984. Scale 1:24,000 ; polyconic proj. (W 95°30'00"—W 95°22'30"/N 48°52'30"—N 48°45'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6981 IV SW - Series V872." ●Item 619-M-23

1. Minnesota — Maps, Topographic. I. Minnesota. Dept. of Administration. II. Title. III. Title: Warroad SW quadrangle, Minnesota - Roseau Co. OCLC 11427950

85-12882

I 19.81:48095-H 7-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [Minnesota]. 48095-H7-TF-024, Roseau NE quadrangle, Minnesota, 1966 / mapped, edited, and published by the Geological Survey ; state of Minnesota, Department of Administration. Photorevised 1984. Scale 1:24,000 ; polyconic proj. (W 95°52'30"—W 95°45'00"/N 49°00'00"—N 48°52'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. "Revisions shown in purple compiled from aerial photographs taken 1982." Map edited and printed 1984. Includes quadrangle location map. "DMA 6881 IV NE - Series V872." ●Item 619-M-23

1. Minnesota — Maps, Topographic. I. Minnesota. Dept. of Administration. II. Title. III. Title: Roseau NE quadrangle, Minnesota. OCLC 11427950

85-12883

I 19.81:48103-F 7-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [North Dakota]. 48103-F7-TF-024, Writing Rock South quadrangle, North Dakota /

mapped, edited, and published by the Geological Survey. Scale 1:24,000 ; Lambert conformal conic proj. (W 103°52'30"—W 103°45'00"/N 48°45'00"—N 48°37'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 5281 III NE - Series V871." ●Item 619-M-34

1. North Dakota — Maps, Topographic. I. Title. II. Title: Writing Rock South quadrangle, North Dakota. OCLC 10578677

85-12884

I 19.81:48103-G 7-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [North Dakota]. 48103-G7-TF-024, Writing Rock North quadrangle, North Dakota - Divine Co. / mapped, edited, and published by the Geological Survey. Scale 1:24,000 ; Lambert conformal conic proj. (W 103°52'30"—W 103°45'00"/N 48°52'30"—N 48°45'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 5281 IV SE - Series V871." ●Item 619-M-34

1. North Dakota — Maps, Topographic. I. Title. II. Title: Writing Rock North quadrangle, North Dakota - Lee Co. OCLC 10578677

85-12885

I 19.81:48103-G 8-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [North Dakota]. 48103-G8-TF-024, Alkabo quadrangle, North Dakota - Divine Co. / mapped, edited, and published by the Geological Survey. Scale 1:24,000 ; Lambert conformal conic proj. (W 104°00'00"—W 103°52'30"/N 48°52'30"—N 48°45'00"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 5281 IV SW - Series V871." ●Item 619-M-34

1. North Dakota — Maps, Topographic. I. Title. II. Title: Alkabo quadrangle, North Dakota - Divide Co. OCLC 10578677

85-12886

I 19.81:48103-H 5-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [North Dakota]. 48103-H5-TF-024, Colgan East quadrangle, North Dakota - Saskatchewan / mapped, edited, and published by the Geological Survey. Scale 1:24,000 ; Lambert conformal conic proj. (W 103°37'30"—W 103°30'00"/N 49°00'00"—N 48°52'30"). — Reston, Va. : The Survey : For sale by the USGS, [19—]

maps : col. ; 69 x 56 cm. Relief shown by contours and spot heights. Map edited 1983, printed 1984. Includes quadrangle location map. "DMA 5281 I NE - Series V871." ●Item 619-M-34

1. North Dakota — Maps, Topographic. 2. Saskatchewan — Maps, Topographic. I. Title. II. Title: Colgan East quadrangle, North Dakota - Saskatchewan. OCLC 10578677

85-12887

I 19.81:48103-H 6-TF-024

Geological Survey (U.S.)

7.5 minute series (topographic) : [North Dakota]. 48103-H6-TF-024, Colgan West quadrangle, North Dakota - Saskatchewan / mapped, edited, and published by the Geological Survey. Scale 1:24,000 ; Lambert conformal conic proj. (W

103°45'00"—W 103°37'30"/N 49°00'00"—N 48°52'30").—  
Reston, Va. : The Survey : For sale by the USGS, [19—]  
maps : col. ; 69 x 56 cm. Relief shown by contours and  
spot heights. Map edited 1983, printed 1984. Includes  
quadrangle location map. "DMA 5281 I NW - Series V871."

●Item 619-M-34

1. North Dakota—Maps, Topographic. 2. Saskatche-  
wan—Maps, Topographic. I. Title. II. Title: Colgan West  
quadrangle, North Dakota - Saskatchewan. OCLC 10578677

85-12888

I 19.91:I-1407

Geological Survey (U.S.)

Geologic map of Dinosaur National Monument and vicini-  
ty, Utah and Colorado / Dept. of the Interior, U.S. Geologi-  
cal Survey ; by Wallace R. Hansen, Peter D. Rowley, and  
Paul E. Carrara. Scale 1:50,000 (W 109°22'30"—W  
108°30'00"/N 40°45'00"—N 40°22'30").—Reston, Va. : For  
sale by Branch of Distribution, U.S. Geological Survey, 1983.

1 map : col. ; 84 x 148 cm., folded in envelope 30 x 24 cm.  
(Miscellaneous investigations series ; map I-1407) Relief  
shown by contours and spot heights. Includes location and  
index maps. Includes bibliography. ●Item 619-G-8

1. Geology—Dinosaur National Monument (Colo-  
Utah)—Maps. I. Hansen, Wallace R., 1920- II. Rowley,  
Peter D. III. Carrara, Paul E. IV. Title. V. Title: Dino-  
saur National Monument and vicinity, Utah and Colorado.  
VI. Series: Miscellaneous investigations series ; map I-1407.  
OCLC 10896735

85-12889

I 19.91:I-1482

Geological Survey (U.S.)

Map showing selected surface-water data for the Manti 30  
x 60 -minute quadrangle, Utah / Department of the Interior,  
United States Geological Survey ; by Don Price. Scale  
1:100,000 ; (W 112°00'—W 111°00'/N 39°30'—N 39°00').—  
Reston, Va. : The Survey ; Denver, CO : For sale by Branch  
of Distribution, USGS, 1984.

1 map : col. ; 56 x 86 on sheet 86 x 105 cm. folded in  
envelope 31 x 24 cm. (Miscellaneous investigations series ;  
map I-1482) Relief shown by contours and spot heights.  
Includes quadrangle location map, text, graphs, and bibliogra-  
phy. ●Item 619-G-8

1. Water, Underground—Utah—Maps. 2. Utah—Maps.  
I. Price, Don, 1929- II. Title. III. Series. OCLC 11762610

85-12890

I 19.91:I-1512

Geological Survey (U.S.)

Map showing selected surface-water data for the Nephi 30  
x 60 -minute quadrangle, Utah / Department of the Interior,  
United States Geological Survey ; by Don Price. Scale  
1:100,000 ; (W 112°00'—W 111°00'/N 40°00'—N 39°30').—  
Reston, Va. : The Survey ; Denver, CO : For sale by Branch  
of Distribution, USGS, 1984.

1 map : col. ; 56 x 86 on sheet 86 x 105 cm. folded in  
envelope 31 x 24 cm. (Miscellaneous investigations series ;  
map I-1512) Relief shown by contours and spot heights.  
Includes quadrangle location map, text, graphs, and bibliogra-  
phy. ●Item 619-G-8

1. Water, Underground—Utah—Maps. 2. Utah—Maps.  
I. Price, Don, 1929- II. Title. III. Series. OCLC 11762549

85-12891

I 19.91:I-1513

Geological Survey (U.S.)

Map showing selected surface-water data for the Price 30 x  
60 -minute quadrangle, Utah / Department of the Interior,  
United States Geological Survey ; by Don Price. Scale

1:100,000 ; (W 111°00'—W 110°00'/N 40°00'—N 39°30').—  
Reston, Va. : The Survey ; Denver, CO : For sale by Branch  
of Distribution, USGS, 1984.

1 map : col. ; 56 x 86 on sheet 86 x 105 cm. folded in  
envelope 31 x 24 cm. (Miscellaneous investigations series ;  
map I-1513) Relief shown by contours and spot heights.  
Includes quadrangle location map, text, graphs, and bibliogra-  
phy. ●Item 619-G-8

1. Water, Underground—Utah—Maps. 2. Utah—Maps.  
I. Price, Don, 1929- II. Title. III. Series. OCLC 11762710

85-12892

I 19.91:I-1514

Geological Survey (U.S.)

Map showing selected surface-water data for the Hunting-  
ton 30 x 60-minute quadrangle, Utah / Department of the  
Interior, United States Geological Survey ; by Don Price.  
Scale 1:100,000 ; (W 111°00'—W 110°00'/N 39°30'—N  
39°00').—Reston, Va. : The Survey ; Denver, CO : For sale  
by Branch of Distribution, USGS, 1984.

1 map : col. ; 56 x 86 on sheet 86 x 105 cm. folded in  
envelope 31 x 24 cm. (Miscellaneous investigations series ;  
map I-1514) Relief shown by contours and spot heights.  
Includes quadrangle location map, text, graphs, and bibliogra-  
phy. ●Item 619-G-8

1. Water, Underground—Utah—Maps. 2. Utah—Maps.  
I. Price, Don, 1929- II. Title. III. Series. OCLC 11762801

85-12893

I 19.91:I-1572

Geological Survey (U.S.)

Geologic map of the Beaver Lake Mountains quadrangle,  
Millard and Beaver counties, Utah / Department of the Inte-  
rior, U.S. Geological Survey ; by D.M. Lemmon and H.T.  
Morris. Scale 1:48,000 ; (W 113°15'—W 113°00'/N 38°45'—N  
38°30').—Reston, Va. : The Survey ; Denver, CO : For sale  
by Branch of Distribution, USGS, 1984.

1 map : col. ; 58 x 46 cm. on sheet 72 x 85 cm. folded in  
envelope 30 x 24 cm. (Miscellaneous investigations series ;  
map I-1572) Relief shown by contours and spot heights.  
Includes "References cited." Description and correlation of  
map units also on sheet. ●Item 619-G-8

1. Geology—Utah—Millard County—Maps. 2. Geolo-  
gy—Utah—Beaver County—Maps. I. Lemmon, D. M.  
II. Morris, H. T. (Hal Tryon), 1920- III. Title. IV. Series.  
OCLC 11543373

85-12894

I 19.91:I-1573

Geological Survey (U.S.)

Geologic map of the Frisco Peak quadrangle, Millard and  
Beaver counties, Utah / Department of the Interior, U.S.  
Geological Survey ; by L.F. Hintze, D.M. Lemmon, and H.T.  
Morris. Scale 1:48,000 ; (W 113°30'—W 113°15'/N 38°45'—N  
38°30').—Reston, Va. : The Survey ; Denver, Co : For sale  
by Branch of Distribution, USGS, 1984.

1 map : col. ; 58 x 46 cm. on sheet 72 x 85 cm. folded in  
envelope 30 x 24 cm. (Miscellaneous investigations series ;  
map I-1573) Relief shown by contours and spot heights.  
Includes "References cited." Description and correlation of  
map units also on sheet. ●Item 619-G-8

1. Geology—Utah—Millard County—Maps. 2. Geolo-  
gy—Utah—Beaver County—Maps. I. Hintze, Lehi F.  
II. Lemmon, D. M. III. Morris, H. T. (Hal Tryon), 1920-  
IV. Title. V. Title: Frisco Peak quadrangle, Utah. VI.  
Series. OCLC 11690918

# Reclamation Bureau — Interior Dept.

85-12895

I 19.99:59141-A 1-TB-250

Geological Survey (U.S.)

Alaska topographic - bathymetric series : Icy Bay, 1961 / mapped, edited, and published by the Geological Survey. Scale 1:25,000 ; transverse Mercator proj. (W 144°00'—W 141°00'/N 60°00'—N 59°00'). — Reston, Va. : The Survey : For sale by the USGS, 1984.

1 map : col. ; 47 x 71 cm. Relief shown by gradient tints, spot heights, soundings and isolines. Includes index to adjoining sheets and National Ocean Survey hydrographic survey index. ●Item 619-G-18

1. Alaska — Maps, Topographic. I. Title. II. Title: Icy Bay. OCLC 11722708

85-12896

I 19.99:66144-A 1-TF-250

Geological Survey (U.S.)

Alaska topographic series : Fort Yukon, 1956 / mapped, edited, and published by the Geological Survey. Scale 1:25,000 ; transverse Mercator proj. (W 147°00'—W 144°00'/N 67°00'—N 66°00'). — Reston, Va. : The Survey : For sale by the USGS, 1984.

1 map : col. ; 47 x 57 cm. Relief shown by contours and spot heights. Includes quadrangle location index. 66144-A1-TF-024 pirated on map in error. ●Item 619-G-18

1. Alaska — Maps, Topographic. I. Title. II. Title: Fort Yukon. OCLC 11722591

85-12897

I 19.99:66147-A 1-TF-250

Geological Survey (U.S.)

Alaska topographic series : Beaver, 1956 / mapped, edited, and published by the Geological Survey. Scale 1:25,000 ; transverse Mercator proj. (W 150°00'—W 147°00'/N 67°00'—N 66°00'). — Reston, Va. : The Survey : For sale by the USGS, 1984.

1 map : col. ; 47 x 57 cm. Relief shown by contours and spot heights. Includes quadrangle location index. ●Item 619-G-18

1. Alaska — Maps, Topographic. I. Title. II. Title: Beaver. OCLC 11722500

## RECLAMATION BUREAU

Interior Dept.

Washington, DC 20240

85-12898

I 27.2:P 12

Pactola. — [Washington, D.C.?] : U.S. Dept. of the Interior, Bureau of Reclamation, [1984?]

1 sheet : ill., 1 map ; 40 x 21 cm. folded to 21 x 10 cm. "Water resource project, South Dakota." ●Item 660

1. Pactola Reservoir (S.D.) I. United States. Bureau of Reclamation. OCLC 11691216

85-12899

I 27.2:P 69/3/v. 1

U.S./U.S.S.R. joint studies on plastic films and soil stabilizers. — Denver, Colo. : U.S. Dept. of the Interior, Bureau of Reclamation ; Springfield, Va. : Available from the National Technical Information Service, [1982-]

v. : ill. ; 28 cm. — (A water resources technical publication) Interim report-Vol. I. December 18, 1982. Bibliography: p. 27-31. Contents: v. 1. Executive summary. ●Item 660

1. Plastic films. 2. Soil stabilization. I. U.S./U.S.S.R. Team in Plastic Films and Soil Stabilizers. II. United States. Bureau of Reclamation. III. Series: Water resources technical publication. OCLC 11765973

85-12900

I 27.2:R 31/13

Reservoir management review : Utah projects office, 1983 / prepared by Utah Projects Office, Bureau of Reclamation, Upper Colorado Region, Department of the Interior. — [Salt Lake City, Utah?] : The Office, 1984.

165 p. : ill. ; 28 cm. ●Item 660

1. United States. Bureau of Reclamation. Utah Projects Office. 2. Reservoirs — Utah. I. United States. Bureau of Reclamation. Utah Projects Office. OCLC 11765902

85-12901

I 27.2:Sa 3/7

Laughlin, Jack Kenneth.

Appraisal study of saline water use equipment for power plant cooling / prepared for United States Department of the Interior, Bureau of Reclamation ; prepared by Jack K. Laughlin in conjunction with Rick Schroeder, Roger M. Jorden. — [Denver, CO] : The Bureau ; [Springfield, Va. : Available from the National Technical Information Service, Operations Division, 1984]

198 p. : ill. ; 28 cm. At head of title: Final report task 1 basic agreement number 4-AB-81-03600. "August 17, 1984." Includes bibliographical references. ●Item 660

1. Power-plants — Colorado. 2. Saline waters — Colorado. I. Schroeder, Rick. II. Jorden, Roger M. (Roger Miles), 1935- III. United States. Bureau of Reclamation. IV. Title. OCLC 11765813

85-12902

I 27.2:Sa 3/8

Engineering and Research Center (U.S.). Colorado River Water Quality Office.

1984 evaluation of salinity control programs in the Colorado River basin / prepared by Colorado River Water Quality office. — Denver, Colo. : The Office, [1984]

v. 49, [24] p. : ill., maps ; 28 cm. "October 1984." ●Item 660

1. Saline water barriers — Colorado River Watershed (Colo.-Mexico) 2. Saltwater encroachment — Colorado River Watershed (Colo.-Mexico) 3. Colorado River Watershed (Colo.-Mexico) I. Title. OCLC 11750388

85-12903

I 27.19/2:D 18/984

Design of small dams. — [Rev. reprint 1984]. — Washington, D.C. : U.S. Dept. of the Interior, Bureau of Reclamation : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

xxxviii, 816 p. : ill., maps (some col.) ; 27 cm. — (Water resources technical publication) "Second edition 1973, revised reprint 1977." Includes bibliographical references. Includes index. ●Item 660-B S/N 024-003-00155-4 @ GPO \$27.00

1. Dams — Design and construction. I. United States. Bureau of Reclamation. II. Series. OCLC 11780435

85-12904

I 27.45:24/2

Welding repair to hydraulic equipment. — Rev. Sept. 1984. — Denver, Colo. : Division of Power Technical Services, Engineering and Research Center, U.S. Dept. of the Interior, Bureau of Reclamation, [1984-]

1 v. (loose-leaf) : ill. ; 28 cm. — (Power O&M bulletin ; no. 24) ●Item 660-E

1. Hydraulic engineering — United States — Equipment and supplies — Maintenance and repair. I. Engineering and Research Center (U.S.). Division of Power Technical Services. II. Series: Power O. and M. bulletin ; no. 24. OCLC 11780208

85-12905

I 27.72:84-13

Tiedemann, Drew A.

Use of microwave oven in geotechnical applications : progress report no. 1 / by Drew A. Tiedemann. — Denver, Colo. : Geotechnical Branch, Division of Research and Laboratory Services, Engineering and Research Center, [1984] iv, 40 p. : ill., forms ; 28 cm. "April 1984." Includes bibliographical references. ●Item 664-B-1 STRN: GR-84-13  
1. Microwave ovens. 2. Soil moisture. I. Engineering and Research Center (U.S.). Geotechnical Branch. II. Title. OCLC 11545657

**MINES BUREAU**  
**Interior Dept.**  
**Washington, DC 20241**

Unless otherwise indicated, publications are available from the Bureau, 4800 Forbes Ave., Pittsburgh, Pa. 15213

85-12906

I 28.2:El 2

Common sense electrical safety : electrical hazards, reference text / written by Timothy Collins ... [et al.] ; art by Ann Payne, Ann Lawson. — Morgantown, WV : Mining Extension Service, West Virginia University, [1984] vii, 156 p. : ill. ; 17 cm. "Developed by the Mining Extension Service of West Virginia University under U.S. Bureau of Mines contract number JO320845"—P. [2] of cover. "January 1984." Includes index. ●Item 637  
I. Electricity — Safety measures. I. Collins, Timothy. II. Payne, Ann, 1940-. III. Lawson, Ann. IV. West Virginia University. Mining Extension Service. V. United States. Bureau of Mines. OCLC 11765893

85-12907

I 28.23:8917

Ferrante, M. J. (Michael John), 1930-

High-temperature relative enthalpies of CuBr / by M.J. Ferrante and R.R. Brown. — Pgh. [i.e. Pittsburgh], PA : U.S. Dept. of the Interior, Bureau of Mines, 1984.  
10 p. : ill. ; 29 cm. — (Report of investigations ; 8917)  
Distributed to depository libraries in microfiche. Includes bibliographical references. ●Item 637-A (microfiche)  
1. Cuprous bromide — Thermal properties. 2. High temperatures. I. Brown, R. R. (Robert R.) II. United States. Bureau of Mines. III. Title. IV. Series: Report of investigations (United States. Bureau of Mines) ; 8917. TN23.U43 no. 8917 84-600175 [QD181.C9] 622 s [546/.6522 42 19] OCLC 10912876

85-12908

I 28.27/a 2:Ir 2/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Ireland. [Pittsburgh, Pa.] : U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1978-1979. ●Item 639

1. Mineral industries — Ireland — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855120

85-12909

I 28.37:983/v.1

Minerals yearbook / prepared by the staff of the Bureau of Mines. Washington : The Bureau : Supt. of Docs., U.S. G.P.O., [distributor, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402] v. : ill. ; 24 cm.  
Annual

\$13.50

Began with 1932/33. Previously classed: I 19.8; and C 22.8: Contents: v. 1. Metals and minerals. 1983, v. 1. Description based on: 1977, v. 2. GeoRef ISSN 0197-7482 Indexed by: Chemical abstracts ISSN 0009-2258 Issued in parts. Chapters that will later be included in the bound vols. are issued as preprints in advance of publication as they are completed. ●Item 639 S/N 024-004-02140-3 ISSN 0076-8952 : CODEN: MYEAAG Has supplement: Statistical appendix to Minerals yearbook Continues in part: Mineral resources of the United States

1. Mineral industries — United States — Periodicals. 2. Mines and mineral resources — United States — Periodicals. I. United States. Bureau of Mines. TN23.U612 33-026551 //r565 338.2/0973 OCLC 01847412

85-12910

I 28.37/a 2:Af 83/5/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other east African countries. [Pittsburgh, Pa.] : U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1978-79. ●Item 639

1. Mineral industries — Africa, East — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856021

85-12911

I 28.37/a 2:Af 83/6/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other central African countries. [Pittsburgh, Pa.] : U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1978-79. ●Item 639

1. Mineral industries — Africa, Central — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07866696

85-12912

I 28.37/a 2:Af 83/7/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other west African countries. [Pittsburgh, Pa.] : U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1978-79. ●Item 639

1. Mineral industries — Africa, West — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856037

85-12913

I 28.37/a 2:Ar 37/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Argentina. [Pittsburgh, Pa.] : U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Argentina — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07847030

85-12914

I 28.37/a 2:Au 78/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Australia. [Pittsburgh, Pa.] : U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Australia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07848366

## Mines Bureau — Interior Dept.

85-12915

I 28.37/a 2: Au 79/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Austria. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Austria — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856840

85-12916

I 28.37/a 2: B 739/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Brazil. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Brazil — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07848614

85-12917

I 28.37/a 2: C 16/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Canada. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1978-79. ●Item 639

1. Mineral industries — Canada — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07848891

85-12918

I 28.37/a 2: C 437/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Chile. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Chile — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07848980

85-12919

I 28.37/a 2: C 441/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of China. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, 1981-

v. : 24 cm.

Annual

1978-79- 1983. ●Item 639 Continues: Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the People's Republic of China (OCoLC)7870607

1. Mineral industries — China — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07870575

85-12920

I 28.37/a 2: D 417/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Denmark and Greenland. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Denmark — Statistics — Periodicals.
2. Mineral industries — Greenland — Statistics — Periodicals.
1. United States. Bureau of Mines. OCLC 07849239

85-12921

I 28.37/a 2: F 496/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Finland. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1978-1979. ●Item 639

1. Mineral industries — Finland — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07850033

85-12922

I 28.37/a 2: F 844/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of France. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — France — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07850100

85-12923

I 28.37/a 2: G 317/2/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Federal Republic of Germany. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Germany (West) — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07849571

85-12924

I 28.37/a 2: G 317/3/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the German Democratic Republic. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Germany (East) — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07850226

85-12925

I 28.37/a 2: H 894/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Hungary. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Hungary — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07851666

85-12926

I 28.37/a 2: In 2/2/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of India. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — India — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07851911

85-12927

I 28.37/a 2: J 271/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Japan. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines,

v. : 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Japan — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852463

85-12928

I 28.37/a 2:K 841/3/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Republic of Korea. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Korea (South) — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855517

85-12929

I 28.37/a 2:M 291/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Malaysia. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Malaysia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07852942

85-12930

I 28.37/a 2:M 574/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Mexico. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Mexico — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07853360

85-12931

I 28.37/a 2:N 42 h/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Hampshire. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — New Hampshire — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07845168

85-12932

I 28.37/a 2:N 42 x/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Zealand. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1978-1979. ●Item 639

1. Mineral industries — New Zealand — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855184

85-12933

I 28.37/a 2:P 435/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Peru. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Peru — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855302

85-12934

I 28.37/a 2:P 538/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Philippines. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Philippines — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855342

85-12935

I 28.37/a 2:R 661/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Romania. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Romania — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855630

85-12936

I 28.37/a 2:Sa 85/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Saudi Arabia. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Saudi Arabia — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855686

85-12937

I 28.37/a 2:Sp 15/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Spain. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Spain — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855366

85-12938

I 28.37/a 2:Sw 32/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Sweden. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Sweden — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855454

85-12939

I 28.37/a 2:T 326/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Thailand. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Thailand — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07855944

85-12940

I 28.37/a 2:T 847/983

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Turkey. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

1. Mineral industries — Turkey — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07866268

85-12941

I 28.37/a 2:W 893/983

Preprint from the ... Bureau of Mines Minerals yearbook. Minerals in the world economy. [Pittsburgh, Pa.]: U.S. Dept. of the Interior, Bureau of Mines, v. ; 24 cm.

Annual 1983. Description based on: 1977. ●Item 639

## National Park Service — Interior Dept.

1. Mineral industries — Statistics — Periodicals. I. United States. Bureau of Mines. OCLC 07856468

### NATIONAL PARK SERVICE

Interior Dept.

Washington, DC 20240

85-12942

I 29.2:Eb 3

Ebey's Landing National Historical Reserve : the land, the people, the place : an introduction to the inventory. — Seattle, Wash. : Cultural Resources Division, Pacific Northwest Regional Office, National Park Service, 1984.

23, [66] p. : ill., forms, maps ; 22 x 31-cm. "Winter 1984." Bibliography: p. [9] - [13] ●Item 648

1. National parks and reserves — Washington (State) 2. Natural areas — Washington (State) 3. Ebey's Landing National Historical Reserve (Wash.) I. United States. National Park Service. Pacific Northwest Region. Cultural Resources Division. OCLC 10858197

85-12943

I 29.2:H 18

General management plan : Hampton National Historic Site. — [Denver, Colo.?] : U.S. Dept. of the Interior, National Park Service, Mid-Atlantic Region, Denver Service Center, 1984.

iv, 88 p. : ill., maps ; 28 cm. "August 1983"—Cover. Bibliography: p. 85-87. ●Item 648

1. Hampton National Historic Site (Towson, Md.) I. United States. National Park Service. Denver Service Center. OCLC 11688803

85-12944

I 29.2:H 62/19

A Glossary of historic masonry deterioration problems and preservation treatments / compiled by Anne E. Grimmer. — Washington, D.C. : Dept. of the Interior, National Park Service, Preservation Assistance Division ; Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

iii, 65 p. ; 23 x 10 cm. Bibliography: p. 63-65. ●Item 648 S/N 024-005-00870-5 @ GPO \$2.50

1. Masonry — Dictionaries. 2. Historic buildings — Conservation and restoration — Dictionaries. I. Grimmer, Anne E. II. United States. National Park Service. Preservation Assistance Division. TH5321.G56 1984 84-600277 693/.1  2 19 OCLC 11188355

85-12945

I 29.2:J 23/2

Jamestown, a beginning. — Yorktown, Va. : U.S. Dept. of the Interior, National Park Service, Colonial National Historical Park, 1980.

10 p. : ill. ; 28 cm. Bibliography: p. 10. ●Item 648

1. Colonial National Historical Park (Va.) I. United States. National Park Service. OCLC 11766070

85-12946

I 29.2:P 91

Bergland, Eric O.

Summary prehistory and ethnography of Olympic National Park, Washington / by Eric O. Bergland. — Seattle, Wash. : National Park Service, Pacific Northwest Region, Division of Cultural Resources, 1984.

ii, 89 p. : ill., maps ; 28 cm. Cover title: Prehistory and ethnography, summer 1983. "September, 1983." Bibliography: p. 80-89. ●Item 648

1. Ethnology — Washington (State) — Olympic National Park. 2. Indians of North America — Washington (State) — Antiquities. 3. Olympic National Park (Wash.) — Antiquities.

ties. I. United States. National Park Service. Pacific Northwest Region. Cultural Resources Division. II. Title. III. Title: Prehistory and ethnography, summer 1983. OCLC 10368018

85-12947

I 29.2:R 52/2

River information digest, 1985 : for popular western whitewater boating rivers managed by federal agencies / prepared as a public service by the Interagency Whitewater Committee ... [et al.]. — 3rd ed. — [Washington, D.C.?] : The Committee : For sale by the Supt. of Docs., U.S. G.P.O., 1985 (1984 printing)-

1 v. (loose-leaf) : ill., maps ; 28 cm. ●Item 648 S/N 001-001-00603-3 @ GPO \$2.75

1. White-water canoeing — United States — Handbooks, manuals, etc. I. United States. Interagency Whitewater Committee. OCLC 11766165

85-12948

I 29.2:W 59

Gilbert, Cathy.

Landscape study and management alternatives for revegetation : Whitman Mission National Historic Site / compiled by C.A. Gilbert. — Pacific Northwest Regional division of Cultural Resources, Science and Technology, Resource Management, [1984]

1 v. (various pagings) : ill., maps ; 28 cm. "Summer 1984." Bibliography: p. [4] (5th group) ●Item 648

1. Revegetation — Washington (State) 2. Whitman Mission National Historic Site (Wash.) I. United States. National Park Service. Pacific Northwest Region. Cultural Resources Division. II. Title. OCLC 11770314

85-12949

I 29.8:C 85/3

Cooperative Park Studies Unit (Moscow, Idaho)

Craters of the Moon National Monument vegetation type map / compiled by Thomas A. Day ; Cooperative Park Studies Unit and Range Resources Department, University of Idaho. Scale 1:24,000. — [Moscow, Id.? : The Unit?, 1984]

1 map ; on sheet 93 x 89 cm. Relief shown by contours and spot heights. "May 1984." ●Item 651-A

1. Phytogeography — Idaho — Craters of the Moon National Monument — Maps. 2. Craters of the Moon National Monument (Idaho) — Maps. I. Day, Thomas A. II. University of Idaho. Range Resources Dept. III. Title. OCLC 11747683

85-12950

I 29.76/3:13

Grosvenor, Beth.

How to apply National Register criteria to post offices / by Beth Grosvenor. — Washington, D.C. : U.S. Dept. of Interior, National Park Service, [1984]

15 p. : ill. ; 28 cm. — (Bulletin / National Register of Historic Places ; 13) Caption title. "Fall 1984." Bibliography: p. 15. ●Item 648-D

1. National Register of Historic Places. 2. Postal service — United States — Buildings. I. United States. National Park Service. II. Title. III. Series: Bulletin (National Register of Historic Places) ; 13. OCLC 11750343

85-12951

I 29.84:12

The preservation of historic pigmented structural glass (Vitrolite and Carrara glass). — [Washington, D.C.?] : U.S. Dept. of the Interior, National Park Service, Rocky Mountain Regional Office, Cultural Resources Division, [1984]

8 p. : ill. ; 28 cm. — (Preservation briefs ; 12) Caption title. "February 1984"—P. 8. Bibliography: p. 8. ●Item 646-J

1. Glass construction. 2. Glass, Ornamental. I. United States. National Park Service. Rocky Mountain Regional Office. Cultural Resources Division. II. Series. OCLC 11699780

## FISH AND WILDLIFE SERVICE

Interior Dept.

Washington, DC 20240

85-12952

I 49.2:H 62

Weeks, Robert J.

Histoplasmosis and its relation to bird roosts : a review / Robert J. Weeks and Allen R. Stickley, Jr. — Denver, Colo. : U.S. Fish and Wildlife Service, Denver Wildlife Research Center, 1984.

23 p. ; 28 cm. — (Bird damage research report ; no. 330) Cover title. "Project no. 897, work unit no. 31"—P. [1] Bibliography: p. 19-23. ●Item 612

1. Histoplasmosis. 2. Birds, Injurious and beneficial—United States. I. Stickley, Allen R. II. Denver Wildlife Research Center. III. Title. IV. Series. OCLC 11765595

85-12953

I 49.2:L 95

Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy Counties, Texas / prepared by Southwest Region of U.S. Fish & Wildlife Service. — Albuquerque, N.M. : The Region, [1984]

[19] p. : ill., 2 maps ; 22 x 28 cm. "January 1984." ●Item 612

1. Wildlife conservation—Texas—Lower Rio Grande Valley National Wildlife Refuge. 2. Wildlife refuges—Texas. 3. Wildlife habitat improvement—Texas—Lower Rio Grande Valley National Wildlife Refuge. 4. Land use—Environmental aspects—Texas—Lower Rio Grande Valley National Wildlife Refuge. I. U.S. Fish and Wildlife Service. Region 2. OCLC 11770142

85-12954

I 49.2:R 31/6/984

Summary of research programs and facilities. — [Washington, D.C.?] : Fish and Wildlife Service, U.S. Dept. of the Interior, [1984]

115 p. : ill., maps, 28 cm. "September 1984." Includes index. ●Item 612

1. U.S. Fish and Wildlife Service I. U.S. Fish and Wildlife Service. OCLC 11729994

85-12955

I 49.44/2:C 72/4

A waterfowl habitat preservation program for the Colusa Basin : Colusa & Glenn Counties, California. — [Washington, D.C.?] : Dept. of the Interior, U.S. Fish and Wildlife Service, 1984.

1 folded sheet (8 p.) : ill., 1 map ; 18 x 9 cm. "July 1984"—P. [8] ●Item 612-C

1. Waterfowl management—California—Colusa County. 2. Waterfowl management—California—Glenn County. I. U.S. Fish and Wildlife Service. OCLC 11697701

85-12956

I 49.44/2:R 43/3

Hunting : Ridgefield National Wildlife Refuge, Washington. — [Washington, D.C.?] : Dept. of the Interior, U.S. Fish and Wildlife Service, [1983]

1 folded sheet (8 p.) : ill. (some col.), 2 maps (1 col.) ; 23 x 10 cm. "August 1983"—P. [8] "RF 13551-6"—P. [8] ●Item 612

1. Hunting—Washington (State)—Ridgefield National Wildlife Refuge. 2. Ridgefield National Wildlife Refuge (Wash.) I. U.S. Fish and Wildlife Service. OCLC 11697602

## LAND MANAGEMENT BUREAU

Interior Dept.

Washington, DC 20240

85-12957

I 53.2:Es 5

Esmeralda-Southern Nye planning area : wilderness technical report. — Las Vegas, Nev. : U.S. Dept. of the Interior, Bureau of Land Management, Las Vegas District ; Battle Mountain, Nev. : Battle Mountain District, 1984.

iv, 52 p. : maps ; 28 cm. Cover title: Esmeralda-Southern Nye wilderness technical report. "November 1984." "BLM-LV-PT-84-023-8500"—P. 52. ●Item 631

1. Wilderness areas—Nevada—Esmeralda County. I. United States. Bureau of Land Management. Las Vegas District. II. United States. Bureau of Land Management. Battle Mountain District. III. Title: Esmeralda-Southern Nye wilderness technical report. OCLC 11751047

85-12958

I 53.2:H 73/3/984

Wild Horse & Burro Adoption Center, Cross Plains, Tennessee. — Alexandria, Va. : U.S. Dept. of the Interior, Bureau of Land Management, Eastern States Office, [1984]

1 folded sheet (10 p.) : ill., 1 map ; 23 x 11 cm. "July 1984." ●Item 631

1. Wild Horse & Burro Adoption Center (Cross Plains, Tenn.) 2. Wild horses—United States. I. United States. Bureau of Land Management. Eastern States Office. OCLC 11765722

85-12959

I 53.2:P 93/2

Price River Resource Area management framework plan summary. — [Moab, Utah] : U.S. Dept. of the Interior, Bureau of Land Management, Moab District, 1984.

51 p. : 1 map ; 28 cm. "October, 1984." ●Item 631

1. Land use—Utah. I. United States. Bureau of Land Management. Price River Resource Area. OCLC 11765718

85-12960

I 53.2:Su 7/5

Sunnyside combined hydrocarbon lease conversion : socioeconomic technical report / by David W. South ... [et al.]. — [Washington, D.C.?] : U.S. Dept. of the Interior, Bureau of Land Management, 1984.

xxviii, 247 p. : ill., maps ; 28 cm. "Argonne National Laboratory." "April 1984." Includes bibliographical references. ●Item 631

1. Oil sands—Utah. 2. Oil sands extraction plants—Economic aspects—Utah. I. South, David W. II. United States. Bureau of Land Management. III. Argonne National Laboratory. OCLC 11765764

## United States International Trade Commission

85-12961

I 53.2:T 21/3/934-84

Shane, Maxine F.

Taylor Grazing Act in Nevada, 1934-1984. — [Washington, D.C.?] : U.S. Dept. of the Interior, [1984?]

[20] p. : ill. ; 22 cm. Cover title. Bibliography: p. [18-19] "BLMNVG184017400"—P. [20] ●Item 631

1. Grazing — Nevada. 2. Grazing districts — Nevada. I. United States. Dept. of the Interior. II. Title. OCLC 11770059

85-12962

I 53.2:T 48/3

Timber management for the 1980s / prepared by U.S. Department of the Interior, Bureau of Land Management. — Portland, Or. : Oregon State Office, 1984.

24 p. : ill., 1 map ; 22 cm. "BLM-OR-PT-85-002-2410"—P. [4] of cover. ●Item 631

1. Timber — Oregon. I. United States. Bureau of Land Management. Oregon State Office. OCLC 11765924

85-12963

I 53.19/3:A1 1/final

Albuquerque District wilderness final environmental assessment. — Albuquerque N.M. : US Dept. of the Interior, Bureau of Land Management, Albuquerque District, 1984.

ii, 35, 5, 3 p. : maps ; 28 cm. "August 1984." Bibliography: p. R-1 - R-3. "BLM-NM-ES-84-022-4332"—P. [3] of cover. ●Item 629-C

1. Wilderness areas — New Mexico. 2. Nature conservation — New Mexico. I. United States. Bureau of Land Management. Albuquerque District. OCLC 11394681

85-12964

I 53.19/3:C 12

United States. Bureau of Land Management. California Desert District.

Proposed 1984 plan amendments to the California Desert Conservation Area plan of 1980 : draft environmental assessment. — Riverside, Calif. : U.S. Dept. of the Interior, Bureau of Land Management, California, 1984.

1 v. (various pagings) : maps, forms ; 28 cm. Cover title. "December 1984." Includes bibliographical references and index. ●Item 629-C

1. Desert ecology — California. 2. Deserts — California. I. Title. OCLC 11751095

85-12965

I 53.19/3:L 33 c/final/v.1-2

Las Cruces District wilderness final environmental assessment. — Las Cruces, N.M. : U.S. Dept. of the Interior, Bureau of Land Management, Las Cruces District Office, 1984.

2 v. : ill., maps ; 28 cm. Cover title. Vol. 2 has title: Las Cruces District final wilderness analysis reports. Vol. 2 contains Appendices. "August 1984." Bibliography: v. 2, p. RF 1-11. ●Item 629-C

1. Wilderness areas — New Mexico — Las Cruces. 2. New Mexico — Public lands. I. United States. Bureau of Land Management. Las Cruces District Office. II. Title: Las Cruces District final wilderness analysis reports. OCLC 11770546

85-12966

I 53.20:359

Classification of the California desert for geology-energy-mineral resource potential : a geostatistical classification / F.W. Lambie ... [et al.]. — San Francisco : U.S. Dept. of the Interior, Bureau of Land Management, 1983.

A-M, 145 p. : ill., maps ; 28 cm. Five maps on 5 folded leaves in pocket. "May 1983." Includes bibliographical references p. 135-145. "BLM-YA-PT-83-002-4335." ●Item 629-E-1

1. Mines and mineral resources — California. I. Lambie, F. W. II. United States. Bureau of Land Management. OCLC 11743754

85-12967

I 53.23/2:A1 7/2

Rangeland program summary for Alturas and East Shasta planning areas. — [Washington, D.C.?] : U.S. Dept. of the Interior, Bureau of Land Management, [1984]

ii, 31 p. : 28 cm. "October 1984." "BLM CA TE 85 002 4100." ●Item 629-E-2

1. Range management — California. I. United States. Bureau of Land Management. OCLC 11684278

85-12968

I 53.33:A1 1

Albuquerque District wilderness analysis reports, 1984 : Cabezon WSA, Empedrado WSA, Ignacio Chavez WSA, La Lena WSA, Ojito WSA, Rio Chamba WSA, Sabinoso WSA, San Antonio WSA. — Albuquerque N.M. : US Dept. of the Interior, Bureau of Land Management, Albuquerque District, 1984.

1 v. (various pagings) : ill., maps ; 28 cm. Bibliography: p. R-1 - R-3. "BLM-NM-ES-84-022-4332"—P. [3] of cover. ●Item 633-A-3 (short)

1. Wilderness areas — New Mexico. 2. Nature conservation — New Mexico. I. United States. Bureau of Land Management. Albuquerque District. OCLC 11392755

## UNITED STATES INTERNATIONAL TRADE COMMISSION

Washington, DC 20436

85-12969

ITC 1.10:985

United States.

[Tariff Act of 1930. Title I] Tariff schedules of the United States annotated / United States Tariff Commission. Washington : The Commission : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. (loose-leaf) ; 27 cm. ((1981-): USITC publication ; 1610) ((1972-1975): TC publication)

Annual

\$47.00

Began in 1963. "For use in classification of imported merchandise for rate of duty and statistical purposes." Previously classed: TC 1.35/2: 1985. Description based on: 7th ed. (1972) Kept up to date by supplements. Vols. for (1972-) issued by United States Tariff Commission; (1975-) by United States International Trade Commission. ●Item 982-B-2 S/ N 949-002-00000-4 ISSN 0082-173X

1. Tariff — Law and legislation — United States — Periodicals. I. United States International Trade Commission. II. United States Tariff Commission. III. Title. IV. Series: TC publication. V. Series: USITC publication ; 1610. 63-062174 OCLC 02252867

85-12970

ITC 1.11:1-15-84

Pierre-Benoist, John.

Summary of trade and tariff information : animal feeds and animal feed ingredients. TSUS items 184.10-184.85. — Washington, D.C. : U.S. International Trade Commission, [1984]

iv, 63 p. : 28 cm. — (USITC publication ; 841) Cover title. "July 1984." "Prepared in terms of the tariff schedules of the United States." Distributed to depository libraries in microfiche. Includes bibliographical references. "Control no. 1-15-45." ●Item 982-B (microfiche)

1. Animals — Food — United States — Statistics. 2. Feeds — United States — Statistics. I. United States International Trade Commission. II. Title. III. Title: Animal feeds and animal feed ingredients. IV. Series. OCLC 11018973

85-12971

ITC 1.11:3-6-3/second supp.

Burns, J. Gail.

Summary of trade and tariff information : body-supporting garments : TSUS items 376.04-376.28. — Washington, D.C. : U.S. International Trade Commission, [1984]-

I v. (loose-leaf) ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the tariff schedules of the United States." Distributed to depository libraries in microfiche. "October 1984." "Control no. 3-6-3 (second supp.)" ●Item 982-B (microfiche)

1. Underwear industry — United States — Statistics. I. United States International Trade Commission. II. Title. III. Title: Body-supporting garments. IV. Series. OCLC 11657233

85-12972

ITC 1.11:4-1-16/supp.

Matusik, Edward J.

Summary of trade and tariff information : benzenoid cyclic intermediates—specialty chemicals : TSUS items 401.02, 401.04, 401.12-401.16, 401.20, 401.30-401.42, 401.46-401.58, 401.64-401.68, 402.00-402.08, 402.24-402.32, 402.36 (pt.), 402.40-404.12, 404.24-404.56, 404.64-406.63, 406.73, 406.82-407.16, 408.41, and 409.38. — Washington, D.C. : U.S. International Trade Commission, [1984]-

I v. (loose-leaf) ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the tariff schedules of the United States." Distributed to depository libraries in microfiche. "October 1984." "Control no. 4-1-16 (supp.)" Includes bibliographical references. ●Item 982-B (microfiche)

1. Chemicals — United States — Statistics. I. United States International Trade Commission. II. Title. III. Title: Benzenoid cyclic intermediates—specialty chemicals. IV. Series. OCLC 11740121

85-12973

ITC 1.11:4-1-28

Summary of trade and tariff information : certain organic chemical crudes : TSUS items 401.06-401.10, 401.18, 401.22-401.24, 401.44, 401.60-401.62, 401.70-401.74 (pt.), and 401.76-401.80. — Washington, D.C. : U.S. International Trade Commission, [1984]-

I v. (loose-leaf) ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the tariff schedules of the United States." Distributed to depository libraries in microfiche. "July 1984." Includes bibliographical references. "Control no. 4-1-28." ●Item 982-B (microfiche)

1. Organic compounds — Statistics. I. United States International Trade Commission. II. Title: Certain organic chemical crudes. III. Series. OCLC 11657287

85-12974

ITC 1.11:4-2-21

Raftery, James P.

Summary of trade and tariff information : butadiene, ethylene and other major primary olefins, and certain other hydrocarbons, TSUS items 429.50-429.56. — Washington, D.C. : U.S. International Trade Commission, [1983]

iii, 26 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." Distributed to depository libraries in microfiche. "June 1983." "Control no. 4-2-21." ●Item 982-B (microfiche)

1. Hydrocarbons. 2. Petroleum chemicals industry — United States — Statistics. I. United States International

Trade Commission. II. Title. III. Title: Butadiene, ethylene and other major primary olefins, and certain other hydrocarbons. IV. Series. OCLC 11673516

85-12975

ITC 1.11:4-11-31

Jonnard, Aimison.

Summary of trade and tariff information : fertilizers, other than nitrogenous, TSUS items 480.05, 480.10, 480.35-480.60, and 480.70-480.80. — Washington, D.C. : U.S. International Trade Commission, [1984]

iv, 48 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." Distributed to depository libraries in microfiche. "September 1984." "Control no. 4-11-31." ●Item 982-B (microfiche)

1. Fertilizer industry — United States — Statistics. 2. Tariff on fertilizers — United States. I. United States International Trade Commission. II. Title. III. Title: Fertilizers, other than nitrogenous. IV. Series. OCLC 11673463

85-12976

ITC 1.11:4-1-9-15/supp.

Johnson, J. Lawrence (Jesse Lawrence), 1947-

Summary of trade and tariff information : artists' colors, inks and ink powders, and paints, coating, and related items : TSUS items 408.12, 408.48, 413.50, and 474.02-474.62. — Washington, D.C. : U.S. International Trade Commission, [1984]-

I v. (loose-leaf) ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of tariff schedules of the United States." Distributed to depository libraries in microfiche. "October 1984." Includes bibliographical reference. "Control no. 4-1, 9-15 (supp.)" ●Item 982-B (microfiche)

1. Artists' materials — Statistics. 2. Ink — Statistics. 3. Paint — Statistics. 4. Pigments — Statistics. I. United States International Trade Commission. II. Title. III. Title: Artists' colors, inks and ink powders, and paints, coating and related items. IV. Series. OCLC 11747444

85-12977

ITC 1.11:6-4-27/supp.

Fravel, Dennis A.

Summary of trade and tariff information : pulp and paper machinery bookbinding machinery : TSUS items 668.00, 668.02, 668.04, 668.5, 668.06, 668.07, and 668.10. — Washington, D.C. : U.S. International Trade Commission, [1984]-

I v. (loose-leaf) ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the tariff schedules of the United States." "October 1984." Distributed to depository libraries in microfiche. "Control No. 6-4-27(supp.)" Includes bibliographical references. ●Item 982-B (microfiche)

1. Paper making and trade — Statistics. 2. Paper-making machinery — Statistics. 3. Bookbinding machinery — Statistics. I. United States International Trade Commission. II. Title. III. Title: Pulp and paper machinery and bookbinding machinery. IV. Series. OCLC 11735163

85-12978

ITC 1.11:6-4-52

Greene, William L.

Summary of trade and tariff information : agricultural and horticultural machinery, lawnmowers, and tractors, TSUS items 666.00, 666.10, 692.34, and 692.35. — Washington, D.C. : U.S. International Trade Commission, [1984]

ix, 55 p. ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the Tariff Schedules of the United States." Distributed to depository libraries in microfiche. "August 1984." "Control no. 6-4-52." ●Item 982-B (microfiche)

## Justice Department

1. Agricultural machinery—United States—Statistics. 2. Horticultural machinery—United States—Statistics. I. United States International Trade Commission. II. Title. III. Title: Agricultural and horticultural machinery, lawn-mowers, and tractors. IV. Series. OCLC 11658631

85-12979

ITC 1.11:6-4-58

Fravel, Dennis A.

Summary of trade and tariff information : fan, blowers, compressors, air pumps and vacuum pumps, and air-conditioning and refrigeration machines : TSUS items 661.05-661.22, 661.35-661.37. — Washington, DC : U.S. International Trade Commission, [1984]

vii, 61 p. : 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the tariff schedules of the United States." "November 1984." Distributed to depository libraries in microfiche. Includes bibliographical references. "Control no. 6-4-58." ●Item 982-B (microfiche)

1. Exhaust systems. 2. Refrigeration and refrigerating machinery—United States—Statistics. 3. Pumping machine industry—United States—Statistics. I. United States International Trade Commission. II. Title. III. Title: Fan, blowers, compressors, air pumps and vacuum pumps, and air-conditioning and refrigeration machines. IV. Series. OCLC 11740102

85-12980

ITC 1.11:7-X-34

Summary of trade and tariff information : umbrellas, whips, riding crops, and canes; matches, pyrotechnics and candles; and smokers' articles : TSUS items 751.05-751.25, 755.05-755.50, and 756.02-756.60. — Washington, D.C. : U.S. International Trade Commission, [1984]

I v. (loose-leaf) ; 28 cm. — (USITC publication ; 841) Cover title. "Prepared in terms of the tariff schedules of the United States." Distributed to depository libraries in microfiche. "May 1984." "Control no. 7-X-34." ●Item 982-B (microfiche)

1. Tariff—United States—Statistics. I. United States International Trade Commission. II. Title: Umbrellas, whips, riding crops, and canes, matches, pyrotechnics and candles, and smokers' articles. III. Series. OCLC 11746568

85-12981

ITC 1.12:332-179

The Impact of tariff and nontariff barriers on the U.S. sheet vinyl flooring industry : report to the Subcommittee on Trade, Committee on Ways and Means, U.S. House of Representatives, investigation no. 332-179, under section 332(b) of the Tariff Act of 1930, as amended. — Washington, D.C. : U.S. International Trade Commission, [1984]

ix, 154 p. : ill. ; 28 cm. — (USITC publication ; 1562) Cover title. Distributed to depository libraries in microfiche. "August 1984." Includes bibliographical references. ●Item 980-E (microfiche)

1. Nontariff trade barriers—United States. 2. Floor coverings industry—United States. I. United States International Trade Commission. II. Series. OCLC 11484089

85-12982

ITC 1.12:337-TA-167

United States International Trade Commission.

In the matter of certain single handle faucets : investigation no. 337-TA-167. — Washington, D.C. : U.S. International Trade Commission, [1984]

I v. (various pagings) : ill. ; 28 cm. — (USITC publication ; 1606) Cover title. "Unreviewed initial determination." Distributed to depository libraries in microfiche. "November 1984." ●Item 980-E (microfiche)

1. Faucets—Equipment and supplies. I. Title. II. Title: Certain single handle faucets. III. Series. OCLC 11522489

85-12983

ITC 1.12:731-TA-149/final

United States International Trade Commission.

Barium chloride from the People's Republic of China : determination of the Commission in investigation no. 731-TA-149 (final) under the Tariff Act of 1930, together with the information obtained in the investigation. — Washington, D.C. : U.S. International Trade Commission, [1984]

ii, 8, 36 p. : ill. ; 28 cm. — (USITC publication ; 1584) Cover title. Distributed to depository libraries in microfiche. "October 1984." Includes bibliographical references.

●Item 980-E (microfiche)

1. Chemical industry—China. 2. Chemical industry—United States. I. Title. II. Series. OCLC 11366507

85-12984

ITC 1.12:731-TA-163/final

United States International Trade Commission.

Cell-site transceivers and subassemblies thereof from Japan : determination of the Commission in investigation no. 731-TA-163 (final) under the Tariff act of 1930, together with the information obtained in the investigation. — Washington, D.C. : U.S. International Trade Commission, [1984]

19, A-55 p. : ill. ; 28 cm. — (USITC publication ; 1618) "December 1984." Distributed to depository libraries in microfiche. ●Item 980-E (microfiche)

1. Radio supplies industry—Japan. 2. Radio supplies industry—United States. 3. Radio—Transmitters and transmission. I. Title. OCLC 11525080

## JUSTICE DEPARTMENT

Washington, DC 20530

Additional entries follow FBI entries.

85-12985

J 1.2:B 86/3

Vasao, Antonio.

The fiftieth anniversary of the U.S. Department of Justice building, 1934-1984 / compiled by the Justice Management Division ; text by Antonio Vasao. — Washington, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., [1984].

ix, 106 p. : ill. (some col.) ; 28 cm. Bibliography: p. 106. S/N 027-000-01210-8 @ GPO \$6.50

1. United States. Dept. of Justice I. United States. Dept. of Justice. Justice Management Division. II. Title. 84-006034 -73 OCLC 11266284

85-12986

J 1.2:C 35

United States. Dept. of Justice.

Challenge, change, and achievement : the Department of Justice, 1981-1985 : a report to employees / from Attorney General William French Smith. — Washington, D.C. : U.S. Dept. of Justice, [1985?]

33 p. : ill. (some col.) ; 28 cm. ●Item 717

1. United States. Dept. of Justice. I. Smith, William French, 1917- II. Title. OCLC 11643178

85-12987

J 1.2:C 86/39/984-85

United States. Dept. of Justice. Criminal Division.

Criminal Division : [annual report] / U.S. Department of Justice, Criminal Division. [Washington, D.C.] : The Division, [1983- U.S. Dept. of Justice, Criminal Division, 10th and Constitution, N.W., Washington, D.C. 20530

v. ; 28 cm.

Annual  
1983-84. Title from cover. 1984-85. ●Item 717 ISSN  
0747-8542  
1. Criminal justice, Administration of — United States —  
Periodicals. 2. United States. Dept. of Justice. Criminal Di-  
vision — Periodicals. I. Title. PAR 84-644480 OCLC  
10789921

85-12988

J 1.2:F 76/4

Forensics : when science bears witness. — [Rockville, Md.] :  
U.S. Dept. of Justice, National Institute of Justice ; Washing-  
ton, D.C. : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

30 p. : ill. ; 22 cm. Cover title. "Prepared for the Na-  
tional Institute of Justice, U.S. Department of Justice by  
Aspen Systems Corporation under contract J-LEAA-013-  
81"—P. [23] of cover. "October 1984." Bibliography: p.  
23-27. ●Item 717 S/N NCJ 93348 @ National Institute of  
Justice/NCJRS ; 027-000-01202-7 @ GPO \$1.50

1. Forensic scientists — United States. 2. Medical jurispru-  
dence — United States. I. National Institute of Justice (U.S.)  
II. Aspen Systems Corporation. OCLC 11730679

85-12989

J 1.8/2:C 73/2

Handbook on the Comprehensive Crime Control Act of 1984  
and other criminal statutes enacted by the 98th Congress. —  
[Washington, D.C.?] : U.S. Dept. of Justice, 1984.  
xvi, 239 p. ; 28 cm. "December 1984." Includes biblio-  
graphical references. ●Item 717-A-1

1. Crime and criminals — United States — Handbooks,  
manuals, etc. 2. Criminal justice, Administration of — United  
States — Handbooks, manuals, etc. I. United States. Dept. of  
Justice. OCLC 11520487

85-12990

J 1.8/2:L 61

United States. Dept. of Justice. Justice Management Division.  
Office of Information Technology.

Library Services handbook. — [Washington, D.C.?] : U.S.  
Dept. of Justice, Justice Management Division, Office of In-  
formation Technology, 1984.

48 p. : 1 map ; 28 cm. Cover title. Includes index.  
●Item 717-A-1

1. United States. Dept. of Justice. 2. Information storage  
and retrieval systems — Law — United States — Handbooks,  
manuals, etc. I. Title. OCLC 11699790

85-12991

J 1.8/2:L 61/2

Library data base guide. — [Washington, D.C.?] : U.S. Dept. of  
Justice, Justice Management Division, Office of Information  
Technology, [1984]

[27] p. ; 28 cm. Cover title. "November 1984." In-  
cludes index. ●Item 717-A-1

1. Library information networks — United States. I.  
United States. Dept. of Justice. Justice Management Division.  
Office of Information Technology. OCLC 11684290

85-12992

J 1.8/2:V 66

Victim witness handbook. — [Washington, D.C.?] : U.S. Dept.  
of Justice, U.S. Attorney's Office, Victim-Witness Assistance  
Unit, [1984?]

24 p. : 1 form ; 23 cm. Cover title. ●Item 717-A-1

1. Witnesses — United States — Handbooks, manuals, etc.  
2. Examination of witnesses — United States — Handbooks,  
manuals, etc. I. United States Attorney's Office. Victim-Wit-  
ness Assistance Unit. OCLC 11699770

# FEDERAL BUREAU OF INVESTIGATION Justice Dept. Washington, DC 20535

85-12993

J 1.14/2:F 49/16

Financial investigative techniques money laundering. — [Wash-  
ington, D.C.?] : U.S. Dept. of Justice, Federal Bureau of  
Investigation, 1984-

1 v. (loose-leaf) : ill., maps, forms ; 28 cm. "November  
1984." ●Item 721

1. Criminal investigation — United States. 2. Narcotics,  
Control of — United States. 3. Banks and banking — United  
States. I. United States. Federal Bureau of Investigation.  
OCLC 11750958

85-12994

J 1.14/8 a: Au 8

Buracker, Carroll D.

Automated fingerprint identification : regional application  
of technology / by Carroll D. Buracker and William K.  
Stover. — [Washington, D.C.? : Federal Bureau of Investiga-  
tion, U.S. Dept. of Justice], 1984.

5 p. : ill., 2 ports ; 28 cm. Caption title. Reprinted from  
the FBI Law Enforcement Bulletin, July, 1984. ●Item 717-  
C-5

1. Fingerprints. 2. Crime and criminals — United States —  
Identification. I. Stover, William K. II. United States.  
Federal Bureau of Investigation. III. Title. OCLC  
11694635

85-12995

J 1.14/8 a:C 21

Patterson, Donald I.

Raising the stakes in carnival fraud / by Donald I. Patter-  
son. — [Washington, D.C.? : Federal Bureau of Investigation,  
U.S. Dept. of Justice], 1984.

6 p. : ill., 2 ports ; 28 cm. Caption title. Reprinted from  
the FBI Law Enforcement Bulletin, July, 1984. Includes  
bibliographical references. ●Item 717-C-5

1. Fraud — United States. 2. Games — United States. I.  
United States. Federal Bureau of Investigation. II. Title.  
OCLC 11694626

85-12996

J 1.14/8 a: In 8/2

Riley, Charles E.

Interrogation after assertion of rights / by Charles E. Riley,  
III. — [Washington, D.C.? : Federal Bureau of Investigation,  
U.S. Dept. of Justice], 1984.

12 p. : 1 port. ; 28 cm. Caption title. Reprinted from the  
FBI Law Enforcement Bulletin, May and June, 1984. In-  
cludes bibliographical references. ●Item 717-C-5

1. Questioning. I. United States. Federal Bureau of In-  
vestigation. II. Title. OCLC 11694656

85-12997

J 1.14/8 a: Sh 7

Bodziak, William J.

Shoe and tire impression evidence / by William J. Bod-  
ziak. — [Washington, D.C.? : Federal Bureau of Investiga-  
tion, U.S. Dept. of Justice], 1984.

11 p. : ill., 1 port. ; 28 cm. "Forensic Science." "Reprint-  
ed from the FBI Law Enforcement Bulletin, July 1984." ●Item 717-C-5

1. Evidence, Criminal — United States. 2. Criminal inves-  
tigation — United States. I. United States. Federal Bureau of  
Investigation. II. Title. OCLC 11699776

**Immigration and Naturalization Service — Justice Dept.**

**IMMIGRATION AND NATURALIZATION  
SERVICE  
Justice Dept.  
Washington, DC 20536**

85-12998

J 21.2:B 64/2

Border patrol agent as a career. — Rev. 12-10-84. — [Washington, D.C.] : U.S. Dept. of Justice, Immigration and Naturalization Service, [1984]

1 folded sheet (6 p.) : ill. ; 22 x 10 cm. "M-212"—P. [5]  
●Item 725

1. Border patrols—United States. I. United States. Immigration and Naturalization Service. OCLC 11750414

**LAW ENFORCEMENT ASSISTANCE  
ADMINISTRATION  
Justice Dept.  
Washington, DC 20531**

85-12999

J 26.2:F 77 d

The Crime prevention activity book. — [Fort Dix, N.J.] : Fort Dix Crime Watch, [1985?]

23 p. : ill. ; 28 cm. "Supported by grant number 78CACI 1-8092, awarded by the Maryland Governor's Commission on Law Enforcement and the Administration of Justice with funds made available from the Law Enforcement Assistance Administration." ●Item 968-H-1

1. Crime prevention—United States. I. Fort Dix Crime Watch. II. Maryland. Governor's Commission on Law Enforcement and the Administration of Justice. III. United States. Law Enforcement Assistance Administration. OCLC 11780170

85-13000

J 26.2:P 94/13

How to protect yourself against sexual assault. — [Washington, D.C. : Office of Justice Assistance, Research, and Statistics, U.S. Dept. of Justice], [1984?]

17 p. : ill. ; 20 cm. ●Item 968-H-1

1. Sex crimes—United States. I. United States. Office of Justice Assistance, Research, and Statistics. OCLC 11765749

**NATIONAL INSTITUTE OF JUSTICE  
Justice Dept.  
Washington, DC 20004**

85-13001

J 28.2:F 49

Hillsman, Sally T.

Fines in sentencing : a study of the use of the fine as a criminal sanction / by Sally T. Hillsman, Joyce L. Sichel, Barry Mahoney. — Washington, D.C. : U.S. Dept. of Justice, National Institute of Justice : For sale by the Supt. of Docs., U.S. G.P.O., c1984.

xv, 328 p. : ill., forms ; 28 cm. — (NIJ research report) "Supported by grant number 80-IJ-CX-0030, awarded to the Vera Institute of Justice by the National Institute of Justice, U.S. Department of Justice"—T.p. verso. "November 1984." Bibliography: p. [315]-328. ●Item 718-A S/N 027-000-01211-6 @ GPO \$9.50

1. Fines (Penalties)—United States. I. Sichel, Joyce L. II. Mahoney, Barry. III. National Institute of Justice (U.S.) IV. Vera Institute of Justice. V. Title. VI. Series. OCLC 11562407

Page 142

85-13002

J 28.2:G 74/2/exec.sum.

Pisani, Angelo, 1945-

A study of government-subsidized housing rehabilitation programs and arson : analysis of programs administered in New York City, 1978-1981 / Angelo Pisani. — Washington, D.C. : U.S. Dept. of Justice, National Institute of Justice, [1984]

18 p. ; 23 cm. — (NIJ executive summary) "Supported by grant no. 81-IJ-CX-0033, awarded to New York City Arson Strike Force, by the National Institute of Justice, U.S. Department of Justice"—T.p. verso. "October 1984." Includes bibliographical references. ●Item 718-A

1. Housing subsidies—New York (N.Y.) 2. Arson—New York (N.Y.) I. National Institute of Justice (U.S.) II. New York City Arson Strike Force. III. Title. IV. Series. OCLC 11591305

85-13003

J 28.2:Se 5/2/exec.sum.

Goodstein, Lynne.

Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states / principal author, Lynne Goodstein ; contributions by John R. Hepburn, John H. Kramer, Doris L. MacKenzie. — Washington, D.C. : U.S. Dept. of Justice, National Institute of Justice : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

76 p. ; 28 cm. — (NIJ executive summary) "Supported by grant number 80-HI-AX-006, awarded to the Pennsylvania State University"—T.p. verso. "October 1984." Bibliography: p. 70-76. ●Item 718-H S/N 027-000-01215-9 @ GPO \$3.00

1. Sentences (Criminal procedure)—United States. 2. Prison sentences—United States. I. Hepburn, John R. II. Kramer, John H., 1943- III. MacKenzie, Doris L. IV. National Institute of Justice (U.S.) V. Pennsylvania State University. VI. Title. VII. Series. OCLC 11642946

85-13004

J 28.11:C 86/6

Lomax, Denise.

Expanding knowledge in criminal justice : publications of the National Institute of Justice, cumulative supplement 1978-1982 / compiled by Denise Lomax ; edited by Ronnie Mills. — Washington, D.C. : U.S. Dept. of Justice, National Institute of Justice, 1984.

vi, 182 p. ; 28 cm. — (NIJ comprehensive bibliography) "National Criminal Justice Reference Service." "Prepared for the National Institute of Justice, U.S. Department of Justice, by Aspen Systems Corp., under contract number OJARS-84-C-001"—T.p. verso. "June 1984." Includes indexes. ●Item 968-H-15

1. Criminal justice, Administration of—United States—Bibliography. I. Mills, Ronnie. II. National Institute of Justice (U.S.) III. National Criminal Justice Reference Service (U.S.) IV. Aspen Systems Corporation. V. Title. VI. Series. OCLC 11751055

85-13005

J 28.23:M 46

DeJong, William, 1950-

Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes. — [Washington, D.C.] : U.S. Dept. of Justice, National Institute of Justice, Office of Development, Testing, and Dissemination, 1983.

14 p. ; 28 cm. — (Issues and practices) "Prepared for the National Institute of Justice, U.S. Department of Justice by

Abt Associates, Inc. under contract number J-LEAA-013-78"—P. [j] of cover. "March 1983"—P. [i] ●Item 718-A-7

1. Small claims courts—United States. 2. Civil procedure—United States. 3. Arbitration and award—United States. 4. Compromise (Law)—United States. 1. National Institute of Justice (U.S.). Office of Development, Testing, and Dissemination. II. Abt Associates. III. Title. IV. Series: Issues and practices in criminal justice OCLC 11770382

# **JUSTICE STATISTICS BUREAU** **Rockville, MD 20850**

85-13006

J 29.9:NCJ-90307

The National crime survey : working papers / edited by Robert G. Lehnen and Wesley G. Skogan.— Washington, D.C. : U.S. Dept. of Justice, Bureau of Justice Statistics, 1982- v. : forms ; 28 cm. "Prepared with the support of grant no. 78-SS-AX-0045, awarded by the National Criminal Justice Information and Statistics Service, Law Enforcement Assistance Administration, United States Department of Justice"—Vol. 2, p. ii. "October 1984"—Vol. 2. Includes bibliographical references. Contents: v. 2. Methodological studies. "NCJ-90307"—Vol. 2. ●Item 968-H-6

1. Victims of crimes surveys—United States. 2. Victims of crimes—United States—Addresses, essays, lectures. 3. Violent crimes—United States—Addresses, essays, lectures. 4. Social surveys—United States—Addresses, essays, lectures. I. Lehnen, Robert G. II. Skogan, Wesley G. III. United States. Bureau of Justice Statistics. HV6250.3.U5N35 1982 82-603356 //r84 364.1/0723  2 19 OCLC 10457785

85-13007

J 29.9:NCJ-92596

Justice expenditure and employment in the United States, 1971-79. — Washington, D.C. : U.S. Dept. of Justice, Bureau of Justice Statistics, [1984]

vii, 163 p. : ill., forms ; 28 cm. "August 1984." "NCJ-92596." ●Item 968-H-6

1. Criminal justice, Administration of—United States—Costs—Statistics. 2. Criminal justice personnel—United States—Statistics. I. United States. Bureau of Justice Statistics. OCLC 11634010

# **LAND AND NATURAL RESOURCES** **DIVISION** **Justice Dept.** **Washington, DC 20530**

85-13008

J 31.2:F 87/bk.1

The Freedom of Information Act for attorneys and access professionals. — Rev. Oct. 1984. — Washington, D.C. : U.S. Dept. of Justice, Office of Legal Education, The Legal Education Institute, 1984.

viii, 279 p. : ill. ; 28 cm. Includes bibliographical references. ●Item 717-C-13

1. Lawyers—United States—Handbooks, manuals, etc. 2. Freedom of information—United States—Handbooks, manuals, etc. 3. Government information—United States—Handbooks, manuals, etc. I. Legal Education Institute (U.S.) OCLC 11740269

85-13009

J 31.2:F 87/bk.2

The Freedom of Information Act for attorneys and access professionals. Book II. — Rev. July 1984. — Washington, D.C. : U.S. Dept. of Justice, Office of Legal Education, The Legal Education Institute, 1984.

1 v. (various pagings) : ill., forms ; 28 cm. Includes bibliographical references. ●Item 717-C-13

1. Law—United States—Handbooks, manuals, etc. 2. Freedom of information—United States—Handbooks, manuals, etc. 3. Government information—United States—Handbooks, manuals, etc. I. Legal Education Institute (U.S.) OCLC 11741869

# **LABOR DEPARTMENT** **Washington, DC 20210**

85-13010

L 1.2:H 62/3

Hispanics, a part of America's excellence. — [Washington, D.C.? : National Labor Relations Board, Office of Equal Employment Opportunity], 1984.

47 p. : ports. ; 22 x 28 cm. Cover title. ●Item 745

1. Hispanic Americans. I. United States. National Labor Relations Board. Office of Equal Employment Opportunity. OCLC 11765571

85-13011

L 1.74:984

United States. Dept. of Labor. Office of the Inspector General.

Semiannual report of the Inspector General / U.S. Department of Labor, Office of Inspector General. [Washington, D.C.] : The Office, [1983- U.S. Dept. of Labor, Office of Inspector General, Rm. S-5030, 200 Constitution Ave., N.W., Washington, D.C. 20210

v. ; 21 cm.

Semiannual

Apr. 1, 1983-Sept. 30, 1983- Apr. 1, 1984-Sept. 30, 1984. Vols. for Apr.-Sept. 1983- distributed to depository libraries in microfiche. ●Item 744-E (microfiche) ISSN 0275-5076 Continues: United States. Dept. of Labor. Office of the Inspector General. Semiannual report ISSN 0275-5076

1. United States. Dept. of Labor. Office of the Inspector General 2. Auditing, Internal—United States—Periodicals. Key Title: Semiannual report - United States. Dept. of Labor. Office of the Inspector General I. Title. HD8051.U55a 84-640526 353.83/05  2 19 OCLC 10307271

# **LABOR STATISTICS BUREAU** **Labor Dept.** **Washington, DC 20212**

85-13012

L 2.3:2216

Geographic profile of employment and unemployment / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 27 cm. (-1979, Report / U.S. Department of Labor, Bureau of Labor Statistics) (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 2216)

Annual

\$5.50 Title from cover. Previously classed: L 2.71: 1983. Description based on: 1979. ●Item 768-A-1 S/N 029-001-02827-0 ISSN 0145-7330

1. Labor supply—United States—Statistics—Periodicals. 2. Unemployment—United States—Statistics—Periodicals.

## Wage and Hour Division — Labor Dept.

I. United States. Bureau of Labor Statistics. II. Series: Report (United States. Bureau of Labor Statistics) III. Series: Bulletin (United States. Bureau of Labor Statistics) ; 2216. HD8051.A7876 subser. 73-603091 //r813 [HD5723] 331.1/08 s [331.1/1/0973] OCLC 02806807

85-13013

L 2.3/2:3025-44

Area wage survey. Cleveland, Ohio, metropolitan area / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 21 x 28 cm. (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 3025-44)

Annual

\$2.25

Began with 1965. Title from cover. Sept. 1984. Description based on: 1980. Vols. for (Sept. 1983-) distributed to depository libraries in microfiche. ●Item 768-B-35 (microfiche) S/N 029-001-90311-1 Main series: Bulletin (United States. Bureau of Labor Statistics) Continues in part: Occupational wage survey

1. Wages—Ohio—Cleveland Metropolitan Area—Statistics—Periodicals. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 3025-44. OCLC 02237026

85-13014

L 2.3/2:3025-47

Area wage survey. Indianapolis, Indiana, metropolitan area / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 21 x 28 cm. (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 3025-47)

Annual

\$2.25

Began with Dec. 1965. Title from cover. Previously classed: L 2.3: Oct. 1984. Description based on: 1980. Vols. for (Oct. 1983-) distributed to depository libraries in microfiche. ●Item 768-B-14 (microfiche) S/N 029-001-90314-6 Continues in part: Occupational wage survey

1. Wages—Indiana—Indianapolis Metropolitan Area—Statistics—Periodicals. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 3025-47. HD8051.A62 1 -66000077 [HD4976.I35A37] 331.297725 OCLC 02831358

85-13015

L 2.3/2:3025-50

Area wage survey. Columbus, Ohio, metropolitan area / U.S. Department of Labor, Bureau of Labor Statistics. [Washington, D.C.] : The Bureau : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 21 x 28 cm. (Bulletin / U.S. Department of Labor, Bureau of Labor Statistics ; 3025-50)

Annual

\$2.25

Began with Oct. 1965. Title from cover. Previously classed: L 2.3: Oct. 1984. Description based on: 1980. Vols. for (Oct. 1983-) distributed to depository libraries in microfiche. ●Item 768-B-35 (microfiche) S/N 029-001-90317-1 Continues in part: Occupational wage survey

1. Wages—Ohio—Columbus Metropolitan Area—Statistics—Periodicals. I. United States. Bureau of Labor Statistics. II. Series: Bulletin (United States. Bureau of Labor Statistics) ; 3025-50. OCLC 02305906

Page 144

## WAGE AND HOUR DIVISION

Labor Dept.

Washington, DC 20210

85-13016

L 36.205/2:5/2

United States. Employment Standards Administration. Wage and Hour Division.

Regulations, part 5 : labor standards provisions applicable to contracts covering federally financed and assisted construction : title 29, part 5 of the Code of Federal Regulations. — Rev. Nov. 1984. — [Washington, D.C.?] : U.S. Dept. of Labor, Employment Standards Administration, Wage and Hour Division, 1984.

16 p. ; 28 cm. — (WH publication ; 1244-B) ●Item 778-B

1. Wages—Construction workers—United States. 2. Labor laws and legislation—United States. 3. Collective labor agreements—Construction industry—United States. I. Title. II. Series. OCLC 11765731

## LIBRARY OF CONGRESS

Washington, DC 20540

Additional entries follow Copyright Office entries.

85-13017

LC 1.12/2:M 82/2

A Brief list of material relating to the music of Morocco. — Washington D.C. : Library of Congress, Archive of Folk Song, [1972]

3 p. ; 28 cm. Caption title. "2/14/72"—P. 3. ●Item 785-A

1. Folk-songs—Morocco—Bibliography. I. Archive of Folk Song (U.S.) OCLC 11729934

85-13018

LC 1.12/2:W 27/2

Widgery, Claudia J.

Washington field recordings in the Archive of Folk Culture. — Washington DC : Library of Congress, Archive of Folk Culture, [1982]

3 p. ; 28 cm. Caption title. "9/7/82"—P. 3. ●Item 785-A

1. Folk-songs—Washington (State)—Discography. I. Archive of Folk Culture (U.S.) II. Title. OCLC 11729989

## COPYRIGHT OFFICE

Library of Congress

Washington, DC 20559

85-13019

LC 3.4/2:13/6

Library of Congress. Copyright Office.

Trademarks. — Washington, D.C. : Copyright Office, Library of Congress, 1985.

[2] p. ; 28 cm. — (Circular ; R13) Caption title. "January 1985"—P. [2] ●Item 802-A

1. Trade-marks—United States. I. Title. II. Series: Circular (Library of Congress. Copyright Office) ; R 13. OCLC 11750430

85-13020

LC 3.4/2:38 a/11

International copyright relations of the United States. — Washington, D.C. : Copyright Office, Library of Congress, 1985.

7, [1] p. ; 28 cm. — (Circular ; R38a) "January 1985"—P. [8] ●Item 802-A

1. Copyright — United States. 2. Copyright, International. I. Library of Congress. Copyright Office. II. Series: Circular (Library of Congress. Copyright Office) ; R 38 a. OCLC 11750402

85-13021

LC 3.4/2:44/5

Cartoons and comic strips. — Washington, D.C. : Copyright Office, Library of Congress, 1984.

[2] p. ; 28 cm. — (Circular ; R44) Caption title. "November 1984"—P. [2] ●Item 802-A

1. Comic books, strips, etc. — United States. 2. Copyright licenses — United States. I. Library of Congress. Copyright Office. II. Series: Circular (Library of Congress. Copyright Office) ; R 44. OCLC 11739930

## LIBRARY OF CONGRESS

Washington, DC 20540

85-13022

LC 6.2:G 74/984

Bernier, Bernard A.

Popular names of U.S. Government reports : a catalog / compiled by Bernard A. Bernier, Jr., Karen A. Wood. — 4th ed. — Washington : Library of Congress : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

x, 272 p. ; 27 cm. Includes index. ●Item 818-F S/N 030-005-00012-1 @ GPO ISBN 0-8444-0174- \$12.00

1. United States — Government publications — Bibliography. I. Wood, Karen A. II. Library of Congress. Serial & Government Publications Division. III. Title. OCLC 11430066

85-13023

LC 19.4/2:84-5

Parents guide to the development of pre-school handicapped children : resources and services. — Washington, D.C. : National Library Service for the Blind and Physically Handicapped, Library of Congress, [1984-]

1 v. (loose-leaf) ; 28 cm. — (Reference circular ; no. 84-5) Caption title. "October 1984." ●Item 806-A-11

1. Handicapped children — Education — United States — Bibliography. I. Library of Congress. National Library Service for the Blind and Physically Handicapped. II. Series. OCLC 11706603

85-13024

LC 19.11:B 46/979-83

Library of Congress. National Library Service for the Blind and Physically Handicapped.

Bestsellers, 1979-1983. — Washington : National Library Service for the Blind and Physically Handicapped, 1984.

47 p. : 1 form ; 28 cm. ●Item 806-A-13 ISBN 0-8444-0474-

1. Blind — Books and reading — Bibliography. 2. Talking books — Bibliography. 3. Best sellers — Bibliography. I. Title. Z5347.L53 1984 84-600331 016.813 42 19 OCLC 11398829

85-13025

LC 19.15:B 64

Books for blind and physically handicapped individuals. — Washington, D.C. : National Library Service for the Blind and Physically Handicapped, The Library of Congress, [1984]

[4] p. : 1 form ; 28 cm. Caption title. At head of title: Facts. "October 1984." ●Item 806-A-10

1. Blind — Books and reading. 2. Blind — Printing and writing systems. I. Library of Congress. National Library Service for the Blind and Physically Handicapped. OCLC 11694622

85-13026

LC 33.10:84-5

Carter, Constance.

Scientific and technical libraries : administration and management / compiled by Constance Carter. — Washington, D.C. : Science Reference Section, Science and Technology Division, Library of Congress, [1984]

11 p. ; 28 cm. — (LC science tracer bullet. ISSN 0090-5232 ; TB 84-5) Caption title. "Updates and expands LC science tracer bullet 76-1"—P. [1] "October 1984." ●Item 818-A-2

1. Scientific libraries — United States — Administration — Bibliography. 2. Technical libraries — United States — Administration — Bibliography. I. Library of Congress. Science and Technology Division. Reference Section. II. Title. III. Series. OCLC 11570265

## NATIONAL LABOR RELATIONS BOARD

Washington, DC 20570

85-13027

LR 1.8:268

United States. National Labor Relations Board.

Decisions and orders of the National Labor Relations Board. Washington : The Board : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24-27 cm.

\$25.00

Began with Dec. 7, 1935/July 1, 1936. Vol. 268, Oct. 14, 1983-Mar. 5, 1984. Description based on: Vol. 238 (Sept. 2 through Oct. 12, 1978) Indices: Table of cases decided: Vols. 1-41, Dec. 7, 1935-June 30, 1942, in v. 41; Vols. 1-74, Dec. 7, 1935-Aug. 21, 1947. 1 v.; Vols. 75-104, Aug. 22, 1947-May 27, 1953. 1 v.; Vols. 105-150, May 22, 1953-Feb. 12, 1965. 1 v.; Vols. 147-223, May 16, 1964-May 21, 1976.

●Item 826 S/N 031-000-00250-8 ISSN 0083-2227 Continues: United States. National Labor Relations Board. Decisions of the National Labor Relations Board Related records: Classified index of National Labor relations Board decisions and related court decisions ISSN 0092-4962

1. Labor laws and legislation — United States — Cases. I. Title. LAW 37-026136 //r555 331.154 OCLC 01768562

85-13028

LR 1.14:30

United States. National Labor Relations Board.

Court decisions relating to the National Labor Relations Act. Washington, D.C. : National Labor Relations Board : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 24 cm.

\$28.00 Vol. 30, Jan. 1, 1977-Aug. 31, 1978. Description based on: Vol. 23 (Jan. 1, 1972 through June 30, 1972)

●Item 825 S/N 031-000-00242-7 ISSN 0083-2219

1. Labor laws and legislation — United States — Cases. I. Title. 44-041303 //r82 331.154 OCLC 01606251

## MERIT SYSTEMS PROTECTION BOARD

Washington, DC 20003

85-13029

MS 1.2:R 64

United States. Merit Systems Protection Board. Office of the Special Counsel.

The role of the Office of Special Counsel. — [Washington, D.C.] : Office of the Special Counsel, U.S. Merit Systems Protection Board, 1984.

## National Aeronautics and Space Administration

[11] p. ; 22 x 9 cm. ●Item 290-K-5

1. United States. Merit Systems Protection Board. Office of the Special Counsel. I. Title. OCLC 11684656

85-13030

MS 1.2:W 57/2

Blowing the whistle in the federal government : a comparative analysis of 1980 and 1983 survey findings : a report of the U.S. Merit Systems Protection Board, Office of Merit Systems Review and Studies. — Washington, D.C. : The Office, [1984]

1 v. (various pagings) : ill., forms ; 28 cm. "A director's monograph"—Cover. "October 1984"—Cover. Includes bibliographical references. ●Item 290-K-5

1. United States. Merit Systems Protection Board. 2. Civil service—United States. 3. Misconduct in office—United States. I. United States. Office of Merit Systems Review and Studies. OCLC 11729921

## NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Washington, DC 20546

85-13031

NAS 1.2:D 24

Daring what others dream. — [Washington, D.C.] : National Aeronautics and Space Administration, 1984.

20 p. : col. ill. ; 30 cm. Cover title. ●Item 830-C

1. United States. National Aeronautics and Space Administration. I. United States. National Aeronautics and Space Administration. OCLC 11689334

85-13032

NAS 1.2:St 2/3

Beggs, James M.

Space station : the next logical step / James M. Beggs. — [Washington, D.C.] : National Aeronautics and Space Administration, 1984.

4 p. : ill. ; 28 cm. Cover title. "Article appeared in the September 1984 issue of Aerospace America"—P. [3] of cover. ●Item 830-C

1. Space stations. I. United States. National Aeronautics and Space Administration. II. Title. OCLC 11674206

85-13033

NAS 1.15:2532

Harris, Charles D., 1952-

Aerodynamic characteristics of two NASA supercritical airfoils with different maximum thicknesses [microform] / by Charles D. Harris. — [Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center], 1972.

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; X-2532) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Issued August 1973." Includes bibliographical references. "N84-27667"—Microfiche header. Project No.: 742-73-01-14. ●Item 830-D (microfiche)

1. Aerofoils. 2. Aerodynamics. I. Langley Research Center. II. Title. III. Title: Aerodynamic characteristics of two N.A.S.A. supercritical airfoils with different maximum thicknesses. IV. Series. OCLC 11673462

85-13034

NAS 1.15:81922

High Reynolds number tests of a Boeing BAC I airfoil in the Langley 0.3-meter transonic cryogenic tunnel [microform] / William G. Johnson ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, Scientific and Technical Information Branch, 1982.

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 81922) Microfiche. [Washington, D.C.? : National Aeronau-

tics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. Includes bibliographical references. "N84-27684"—Microfiche header. ●Item 830-D (microfiche)

1. Aerofoils. 2. Reynolds number. 3. Aerodynamics, Transonic. 4. Transonic wind tunnels. I. Johnson, William G. (William Garland), 1944- II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Series. OCLC 11690954

85-13035

NAS 1.15:82578

Space Processing Applications Rocket project [microform : SPAR VII final report] / Roger P. Chassay, editor. — [Washington, D.C.? : National Aeronautics and Space Administration, Scientific and Technical Information Branch, 1984.

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 82578) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. Includes bibliographical references. "N84-25745"—Microfiche header. ●Item 830-D (microfiche)

1. Space sciences—Research—United States. 2. Space vehicles—Materials—Research—United States. 3. Materials—Research—United States. I. Chassay, R. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Series. OCLC 11690943

85-13036

NAS 1.15:82581

Kaukler, William.

Determination of the succinonitrile-benzene and succinonitrile-cyclohexanol phase diagrams by thermal and UV spectroscopic analysis [microform] / by William Kaukler, Donald O. Frazier, and Barbara Facemire. — [Marshall Space Flight Center, Ala.?] : National Aeronautics and Space Administration, George C. Marshall Space Flight Center, 1984.

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 82581) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 1984." "N84-25778"—Microfiche header. ●Item 830-D (microfiche)

1. Benzene—Spectra. I. Frazier, Donald O. II. Facemire, Barbara. III. George C. Marshall Space Flight Center. IV. Title. V. Series. OCLC 11690923

85-13037

NAS 1.15:82583

Smith, James Lee.

Pyrotechnic shock [microform] : a literature survey of the linear shaped charge (LSC) / James Lee Smith. — [Marshall Space Flight Center, Ala.] : National Aeronautics and Space Administration, George C. Marshall Space Flight Center ; [Springfield, Va. : For sale by National Technical Information Service, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 82583) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Bibliography: p. 51-55. "N84-28109"—Microfiche header. ●Item 830-D (microfiche)

1. Pyrotechnics in astronautics. I. George C. Marshall Space Flight Center. II. Title. III. Series. OCLC 11690934

85-13038

NAS 1.15:82584

Schock, Richard W.

An investigation into the probabilistic combination of quasi-static and random accelerations [microform] / by Richard W. Schock and Lenox P. Tuell. — [Marshall Space Flight Center, Ala.] : National Aeronautics and Space Administration, 1984.

tion, George C. Marshall Space Flight Center ; [Springfield, Va. : For sale by National Technical Information Service], 1984.

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 82584) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. "N84-28111"—Microfiche header. ●Item 830-D (microfiche)

1. Acceleration (Mechanics) I. Tuell, Lenox P. II. George C. Marshall Space Flight Center. III. Title. IV. Series. OCLC 11690947

85-13039

NAS 1.15:82586

Singley, Maurice E.

Pattern recognition for space applications center director's discretionary fund [microform : final report] / by Maurice E. Singley. — [Marshall Space Flight Center, Ala.] : National Aeronautics and Space Administration, George C. Marshall Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 82586) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. "N84-28710"—Microfiche header. ●Item 830-D (microfiche)

1. Star trackers. 2. Pattern recognition systems. I. George C. Marshall Space Flight Center. II. Title. III. Series. OCLC 11690904

85-13040

NAS 1.15:82587

McGhee, David S.

The ASTRO-1 preliminary design review coupled loads analysis [microform] / David S. McGhee. — [Marshall Space Flight Center, Ala.] : National Aeronautics and Space Administration, George C. Marshall Space Flight Center ; [Springfield, Va. : For sale by National Technical Information Service], 1984.

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 82587) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 10 microfiches ; 11 x 15 cm. "June 1984." "N84-29246"—Microfiche header. ●Item 830-D (microfiche)

1. Reusable space vehicles — Design and construction. 2. Materials — Dynamic testing. I. George C. Marshall Space Flight Center. II. Title. III. Series. OCLC 11690928

85-13041

NAS 1.15:82588

Atmospheric environment for space shuttle (STS-13) launch [microform] / by D.L. Johnson ... [et al.]. — [Marshall Space Flight Center, Ala.] : National Aeronautics and Space Administration, George C. Marshall Space Flight Center ; [Springfield, Va. : For sale by National Technical Information Service, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 82588) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. "N84-29396"—Microfiche header. ●Item 830-D (microfiche)

1. Reusable space vehicles. 2. Atmospheric pressure — United States. I. Johnson, D. L. (Dale Leroy) II. George C. Marshall Space Flight Center. III. Series. OCLC 11690895

85-13042

NAS 1.15:83111

Morgan, Harry L.

Pressure distribution data from tests of 2.29-meter (7.5-ft.) span EET high-lift research model in Langley 4- by 7-meter tunnel [microform] / Harry L. Morgan, Jr. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1982]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83111) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 6 microfiches ; 11 x 15 cm. "June 1982." Chiefly tables. Includes bibliographical references. "N84-28739"—Microfiche header. ●Item 830-D (microfiche)

1. Transport planes. 2. Airplanes — Fuel systems. I. Langley Research Center. II. Title. III. Series. OCLC 11690891

85-13043

NAS 1.15:83180

Rogers, James L.

An implementation of the programming structural synthesis system (PROSS) [microform] / James L. Rogers, Jr., and Jaroslaw Sobieszozanski-Sobieski, Rama B. Bhat. — [Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch, 1981]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83180) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "N84-28517"—Microfiche header. ●Item 830-D (microfiche)

1. Aerodynamics — Computer programs. I. Sobieszozanski-Sobieski, Jaroslaw. II. Bhat, Rama B. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 11690910

85-13044

NAS 1.15:83218

Ames, Kathy R.

XSECT [microform : a computer code for generating fuselage cross sections : user's manual] / Kathy R. Ames. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1982]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83218) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. microfiche ; 11 x 15 cm. "February 1982." Includes bibliographical references. "N84-27696"—Microfiche header. ●Item 830-D (microfiche)

1. Airplanes — Fuselage. 2. Computer graphics. I. Langley Research Center. II. Title. III. Series. OCLC 11654349

85-13045

NAS 1.15:83253

Rogers, James L.

An implementation of the distributed programing structural synthesis system (PROSS) [microform] / James L. Rogers, Jr. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1981]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83253) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "December 1981." Includes bibliographical references. "N84-28518"—Microfiche header. ●Item 830-D (microfiche)

# National Aeronautics and Space Administration

1. Electronic data processing—United States—Distributed processing. I. Langley Research Center. II. Title. III. Series. OCLC 11654359

85-13046

NAS 1.15:83304

Herbert, Henry E.

Production version of the extended NASA-Langley Vortex Lattice FORTRAN Computer Program [microform] / Henry E. Herbert, John E. Lamar. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1982-]

v. ; 28 cm. — (NASA technical memorandum ; 83304) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiches ; 11 x 15 cm. Description based on volume 2. "April 1982." Includes bibliographical references. Contents: v. 2. Source code. "N84-29500"—Microfiche header. ●Item 830-D (microfiche) STRN: 505-31-43-03

1. Aerodynamics. 2. Vortex-motion—Computer programs. 3. Camber (Aerofoils) I. Lamar, John E. II. Langley Research Center. III. Title. IV. Series. OCLC 11654363

85-13047

NAS 1.15:83574

Fusaro, Robert L.

Effect of substrate chemical pretreatment on the tribological properties of graphite films [microform] / Robert L. Fusaro ; prepared for the Third International Conference on Solid Lubrication sponsored by the American Society of Lubrication Engineers, Denver, Colorado, August 5-9, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83574) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25831"—Microfiche header. ●Item 830-D (microfiche)

1. Tribology. 2. Graphite fibers. I. Lewis Research Center. II. Title. III. Series. OCLC 11654390

85-13048

NAS 1.15:83608

Loewenthal, Stuart H.

Factors that affect the fatigue strength of power transmission shafting and their impact on design [microform] / Stuart H. Loewenthal ; prepared for the Fourth International Power Transmission and Gearing Conference sponsored by the American Society of Mechanical Engineers, Cambridge, Massachusetts, October 8-12, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83608) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-26029"—Microfiche header. ●Item 830-D (microfiche)

1. Power transmission. 2. Shafting—Fatigue. I. Lewis Research Center. II. Title. III. Series. OCLC 11654433

85-13049

NAS 1.15:83624

Cooper, Larry P. (Larry Philip), 1950-

Propulsion issues for advanced orbit transfer vehicles [microform] / Larry P. Cooper ; prepared for the 1984 JANNAP Propulsion Meeting, New Orleans, Louisiana, February 6-9, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83624) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15

cm. Includes bibliographical references. "N84-25762"—Microfiche header. ●Item 830-D (microfiche)

1. Orbital transfer (Space flight) 2. Space vehicles—Propulsion systems. I. Lewis Research Center. II. Title. III. Series. OCLC 11654439

85-13050

NAS 1.15:83625

DeLombard, Richard.

Low-frequency switching voltage regulators for terrestrial photovoltaic systems [microform] / Richard DeLombard ; work performed for U.S. Department of Energy, Conservation and Renewable Energy, Division of Photovoltaic Energy Technology under interagency agreement DE-AI01-79ET20485 and U.S. Agency for International Development, Bureau of Science and Technology, Office of Energy under interagency agreement PASA-NASA/DSB-5710-2-79. — Cleveland, Ohio : National Aeronautics and Space Administration, Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA TM ; 83625) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. "N84-25926"—Microfiche header. "DOE/NASA/20485-16." ●Item 830-D (microfiche)

1. Voltage regulators. 2. Photovoltaic power generation. I. United States. Division of Photovoltaic Energy Technology. II. United States. Agency for International Development. Office of Energy. III. Lewis Research Center. IV. Title. V. Series: NASA technical memorandum ; 83625. OCLC 11654375

85-13051

NAS 1.15:83627

Roelke, Richard J.

Cold-air performance of compressor-drive turbine of Department of Energy upgraded automobile gas turbine engine [microform] / Richard J. Roelke and Jeffrey E. Haas ; work performed for U.S. Department of Energy, Conservation and Renewable Energy, Office of Vehicle and Engine R&D under interagency agreement DE-AI01-80C550194. — Cleveland, Ohio : Lewis Research Center, [1984-]

v. : ill. ; 28 cm. — (NASA TM ; 83627) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. Contents: [v]. 3. Performance of redesigned turbine. "DOE/NASA/50194-39." "N84-25644"—Microfiche header. "TR-84-C-7." ●Item 830-D (microfiche)

1. Automotive gas turbines. I. Haas, Jeffrey E. II. United States. Dept. of Energy. Office of Vehicle and Engine Research and Development. III. Lewis Research Center. IV. Title. V. Series: NASA technical memorandum ; 83627. OCLC 11654398

85-13052

NAS 1.15:83633

Namkoong, David.

Determination of the key parameters affecting historic communications satellite trends [microform] / David Namkoong. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83633) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-25908"—Microfiche header. ●Item 830-D (microfiche)

1. Artificial satellites in telecommunication. I. Lewis Research Center. II. Title. III. Series. OCLC 11654409

85-13053

NAS 1.15:83660

Krosel, Susan M.

Development of dynamic simulation of TF34-GE-100 turbofan engine with post-stall capability [microform] / Susan M. Krosel ; prepared for the Twentieth Joint Propulsion Conference, cosponsored by the AIAA, SAE, and ASME, Cincinnati, Ohio, June 11-13, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83660) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25712"—Microfiche header. "AIAA-84-1184." ●Item 830-D (microfiche)

1. Turbomachines. 2. Computer simulation. I. Lewis Research Center. II. Title. III. Series. OCLC 11654421

85-13054

NAS 1.15:83662

Conroy, Martin J., 1929-

Test results for 27.5 to 30-GHz communications satellite receivers [microform] / Martin J. Conroy. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83662) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-27954"—Microfiche header. ●Item 830-D (microfiche)

1. Artificial satellites in telecommunication—Testing. I. United States. National Aeronautics and Space Administration. II. Title. III. Series. OCLC 11663271

85-13055

NAS 1.15:83669

Civinskis, Kestutis C.

Application of a quasi-3D inviscid flow and boundary layer analysis to the hub-shroud contouring of a radial turbine [microform] / Kestutis C. Civinskis and Louis A. Povinelli. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83669) (USAAVSCOM technical report ; 84-C-1) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25647"—Microfiche header. "AIAA-84-1297." ●Item 830-D (microfiche)

1. Boundary layer. 2. Turbines—Aerodynamics. I. Povinelli, Louis A. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series. V. Series. AVSCOM technical report ; 84-C-1. OCLC 11663233

85-13056

NAS 1.15:83670

Watson, James W.

Deposition stress effects on thermal barrier coating burner rig life [microform] / James W. Watson and Stanley R. Levine. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83670) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25830"—Microfiche header. ●Item 830-D (microfiche)

1. Ceramic coating—Testing. 2. Aerodynamic heating. I. Levine, Stanley R. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series. OCLC 11663263

85-13057

NAS 1.15:83672

Nesbitt, J. A.

Modeling degradation and failure of Ni-Cr-Al overlay coatings [microform] / J.A. Nesbitt and R.W. Heckel. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83672) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-27858"—Microfiche header. ●Item 830-D (microfiche)

1. Coatings—Thermal properties. I. Heckel, R. W. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series. OCLC 11663239

85-13058

NAS 1.15:83673

Deadmore, Daniel L.

In-situ measurements of alloy oxidation/corrosion/erosion using a video camera and proximity sensor with microcomputer control [microform] / Daniel L. Deadmore. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83673) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. "N84-27859"—Microfiche header. ●Item 830-D (microfiche)

1. Alloys—Testing. 2. Metals—Anodic oxidation. 3. Metals—Erosion. 4. Corrosion and anti-corrosives. I. United States. National Aeronautics and Space Administration. II. Title. III. Series. OCLC 11663246

85-13059

NAS 1.15:83674

Mantenieks, Maris A.

Performance capabilities of the 12-centimeter xenon ion thruster [microform] / Maris Manteniekis and Michael Schatz. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83674) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-27825"—Microfiche header. ●Item 830-D (microfiche)

1. Ion rockets—Propellant feed systems. 2. Rocket engines—Thrust. I. Schatz, Michael. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series. OCLC 11663257

85-13060

NAS 1.15:83675

Chang, T. Y., 1936-

A computer program for predicting nonlinear uniaxial material responses using viscoplastic models [microform] / T.Y. Chang and R.L. Thompson. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83675) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 1984." Includes bibliographical references. "N84-29247"—Microfiche header. ●Item 830-D (microfiche)

1. Materials—Testing—Data processing. 2. Viscoplasticity. I. Thompson, R. L., 1938-. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series. OCLC 11663297

## National Aeronautics and Space Administration

85-13061

NAS 1.15:83676

Titran, Robert H.

Creep-rupture behavior of candidate Stirling engine alloys after long-term aging at 760°C in low-pressure hydrogen [microform] / Robert H. Titran ; [prepared for U.S. Department of Energy, Conservation and Renewable Energy, Office of Vehicle and Engine R&D]. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA TM ; 83676) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. "Interagency agreement DE-A101-77CS51040." "N84-25793"—Microfiche header. "DOE/NASA/50140-55." ●Item 830-D (microfiche)

1. Stirling engines — Testing. 2. Iron alloys — Analysis. I. United States. Dept. of Energy. Office of Vehicle and Engine Research and Development. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA technical memorandum ; 83676. OCLC 11663287

85-13062

NAS 1.15:83680

Sullivan, Timothy L.

Effect of vortex generators on the power conversion performance and structural dynamic loads of the Mod-2 wind turbine [microform] / Timothy L. Sullivan ; [prepared for U.S. Department of Energy, Conservation and Renewable Energy, Wind Energy Technology Division]. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA TM ; 83680) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "Interagency agreement DE-A101-76ST20320." "N84-29347"—Microfiche header. "DOE/NASA/20320-59." ●Item 830-D (microfiche)

1. Wind power — Washington (State) I. United States. Dept. of Energy. Wind Energy Technology Division. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA technical memorandum ; 83680. OCLC 11663283

85-13063

NAS 1.15:83688

Aydelott, John C.

On-orbit cryogenic fluid transfer [microform] / John C. Aydelott and John P. Gille and Ralph N. Eberhardt. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83688) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25753"—Microfiche header. "AIAA-84-1343." ●Item 830-D (microfiche)

1. Low temperature engineering. 2. Fluid dynamics (Space environment) I. Gille, John P. II. Eberhardt, Ralph N. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series. OCLC 11663276

85-13064

NAS 1.15:83692

Seasholtz, Richard G.

Three component velocity measurements using Fabry-Perot interferometer [microform] / Richard G. Seasholtz and Louis J. Goldman ; prepared for the second International Symposium on Applications of Laser Anemometry to Fluid Mechanics sponsored by Instituto Superior Tecnico (Lisbon), Lisbon,

Portugal, July 2-4, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83692) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 6. "N84-26010"—Microfiche header. ●Item 830-D (microfiche)

1. Interferometer. 2. Speed — Measurement. I. Goldman, Louis J. II. Lewis Research Center. III. Title. IV. Series. OCLC 11663059

85-13065

NAS 1.15:83694

Murthy, P. L. N.

Dynamic stress analysis of smooth and notched fiber composite flexural specimens [microform] / P.L.N. Murthy and C.C. Chamis ; prepared for the seventh Conference on Composite Materials, Testing and Design sponsored by the American Society for Testing and Materials, Philadelphia, Pennsylvania, April 2-5, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83694) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25770"—Microfiche header. ●Item 830-D (microfiche)

1. Fibrous composites — Fatigue. I. Chamis, C. C. (Christos C.) II. Lewis Research Center. III. Title. IV. Series. OCLC 11663087

85-13066

NAS 1.15:83696

Chamis, C. C. (Christos C.)

Simplified composite micromechanics equations for strength, fracture toughness, impact resistance and environmental effects [microform] / C.C. Chamis ; prepared for the twenty-ninth Annual Conference of the Society of the Plastics Industry (SPI), Reinforced Plastics/Composites Institute, Houston, Texas, January 16-20, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83696) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-27832"—Microfiche header. ●Item 830-D (microfiche)

1. Micromechanics. 2. Composite materials. I. Lewis Research Center. II. Title. III. Series. OCLC 11663055

85-13067

NAS 1.15:83701

Irvine, Thomas B.

Progressive fracture of fiber composites [microform] / Thomas B. Irvine and Carol A. Ginty ; prepared for the ninth Annual Mechanics of Composites Review sponsored by Air Force Wright Aeronautical Laboratories, Dayton, Ohio, October 24-26, 1983. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83701) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-27831"—Microfiche header. ●Item 830-D (microfiche)

1. Fibrous composites — Fracture. I. Ginty, Carol A. II. Lewis Research Center. III. Title. IV. Series. OCLC 11663080

85-13068

NAS 1.15:83704

Chang, Sin-Chung.

A semi-direct procedure using a local relaxation factor and its application to an internal flow problem [microform] / Sin-Chung Chang : prepared for the ninth International Conference on Numerical Methods in Fluid Dynamics cosponsored by CEA, CISE, DRET, CNES, EDF, Framatome, and Novatome, Saclay, France, June 25-29, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83704) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25946"—Microfiche header. ●Item 830-D (microfiche)

1. Fluid dynamics (Space environment) I. Lewis Research Center. II. Title. III. Series. OCLC 11663051

85-13069

NAS 1.15:83707

Wheeler, Donald R.

Tribological applications of surface analysis [microform] / Donald R. Wheeler : prepared for the SEM/84 sponsored by SEM, Inc., Philadelphia, Pennsylvania, April 15-20, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83707) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 7-9. "N84-25766"—Microfiche header. ●Item 830-D (microfiche)

1. Tribology. 2. Surfaces (Technology)—Analysis. I. Lewis Research Center. II. Title. III. Series. OCLC 11663063

85-13070

NAS 1.15:83708

Holdeman, J. D.

On modeling dilution jet flowfields [microform] / J.D. Holdeman and R. Srinivasan : prepared for the twentieth Joint Propulsion Conference cosponsored by the AIAA, SAE, and ASME, Cincinnati, Ohio June 11-13, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83708) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25713"—Microfiche header. "AIAA-84-1379." ●Item 830-D (microfiche)

1. Jets—Fluid dynamics. I. Srinivasan, R. (Ram), 1947-II. Lewis Research Center. III. Title. IV. Series. OCLC 11663082

85-13071

NAS 1.15:83709

An Advanced pitch change mechanism incorporating a hybrid traction drive [microform] / Bruce M. Steinetz ... [et al.] : prepared for the twentieth Joint Propulsion Conference cosponsored by the AIAA, SAE, and ASME, Cincinnati, Ohio June 11-13, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83709) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25605"—Microfiche header. "AIAA-84-1383." ●Item 830-D (microfiche)

1. Pitching (Aerodynamics) I. Steinetz, Bruce M. II. Lewis Research Center. III. Series. OCLC 11663042

85-13072

NAS 1.15:83710

Chang, Li Ko.

Application of an optimization method to high performance propeller designs [microform] / Li Ko Chang and George L. Stefko : prepared for the twentieth Joint Propulsion Conference cosponsored by the AIAA, SAE, and ASME, Cincinnati, Ohio, June 11-13, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83710) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25607"—Microfiche header. "AIAA-84-1203." ●Item 830-D (microfiche)

1. Propellers—Design and construction. 2. Mathematical optimization. I. Stefko, George L. II. Lewis Research Center. III. Title. IV. Series. OCLC 11663076

85-13073

NAS 1.15:83715

Donovan, R. M.

Space station propulsion analysis study [microform] / R.M. Donovan, J.S. Sovey and N.B. Hannum : prepared for the twentieth Joint Propulsion Conference cosponsored by the AIAA, SAE, and ASME, Cincinnati, Ohio, June 11-13, 1984. — Cleveland, Ohio : Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83715) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "AIAA-84-1326." "N84-25764"—Microfiche header. ●Item 830-D (microfiche)

1. Space stations. 2. Space vehicles—Propulsion systems. I. Sovey, J. S. II. Hannum, N. B. III. Lewis Research Center. IV. Title. V. Series. OCLC 11663069

85-13074

NAS 1.15:83716

Anderson, Neil E.

An analytical method to predict efficiency of aircraft gearboxes [microform] / Neil E. Anderson and Stuart H. Loewenthal and Joseph D. Black. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83716) (USAAVSCOM technical report ; 84-C-8) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared for the Twentieth Joint Propulsion Conference, cosponsored by the AIAA, SAE, ASME, Cincinnati, Ohio, June 11-13, 1984." Includes bibliographical references. "N84-25606"—Microfiche header. ●Item 830-D (microfiche)

1. Gearing. 2. Airplanes—Mathematical models. I. Loewenthal, Stuart H. II. Black, Joseph D. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series. VI. Series: AVSCOM technical report ; 84-C-8. OCLC 11682915

85-13075

NAS 1.15:83717

Rengstorff, George W. P.

Interaction of sulfuric acid corrosion and mechanical wear of iron [microform] / George W.P. Rengstorff and Kazuhisa Miyoshi and Donald H. Buckley. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83717) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared for the Joint Lubrication Conference, co-

## National Aeronautics and Space Administration

sponsored by the American Society of Mechanical Engineers and the American Society of Lubrication Engineers, San Diego, California, October 22-24, 1984." Includes bibliographical references. "N84-27857"—Microfiche header. ●Item 830-D (microfiche)

1. Sulphuric acid. 2. Iron—Corrosion. I. Miyoshi, Kazuhisa. II. Buckley, Donald H. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series. OCLC 11682910

85-13076

NAS 1.15:83719

Sloney, Harold E.

Evaluation of two polyimides and of an improved liner retention design for self-lubricating bushings [microform] / Harold E. Sloney. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83719) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared for the Joint Lubrication Conference, co-sponsored by the American Society of Mechanical Engineers, San Diego, California, October 22-24, 1984." Includes bibliographical references. "N84-27887"—Microfiche header. ●Item 830-D (microfiche)

1. Bearings (Machinery)—Design and construction. 2. Polyimides. I. United States. National Aeronautics and Space Administration. II. Title. III. Series. OCLC 11682904

85-13077

NAS 1.15:83721

El-Bayoumy, Lotfi E.

Parameter studies of gear cooling using an automatic finite element mesh generator [microform] / Lotfi E. El-Bayoumy and Lee S. Akin and Dennis P. Townsend. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83721) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared for the Fourth International Power Transmission and Gearing Conference, sponsored by the American Society of Mechanical Engineers, Cambridge, Massachusetts, October 10-12, 1984." Includes bibliographical references. "N84-28087"—Microfiche header. ●Item 830-D (microfiche)

1. Gearing. I. Akin, Lee S. II. Townsend, Dennis P. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series. OCLC 11682883

85-13078

NAS 1.15:83722

Buzzard, Robert J.

Mode II fatigue crack growth specimen development [microform] / Robert J. Buzzard, Bernard Gross, and John E. Srawley. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83722) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared for the Seventeenth National Symposium on Fracture Mechanics, sponsored by the American Society for Testing and Materials, Albany, New York, August 7-9, 1984." Includes bibliographical references. "N84-29248"—Microfiche header. ●Item 830-D (microfiche)

1. Bearings (Machinery)—Design and construction. 2. Materials—Fatigue. I. Gross, Bernard. II. Srawley, John E. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series. OCLC 11682896

Page 152

85-13079

NAS 1.15:83723

Akin, Lee S.

Lubricant jet flow phenomena in spur and helical gears with modified center distances and/or addendums [microform] : for out-of-mesh conditions / Lee S. Akin and Dennis P. Townsend. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83723) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared for the Fourth International Power Transmission and Gearing Conference, sponsored by the American Society of Mechanical Engineers, Cambridge, Massachusetts, October 10-12, 1984." Includes bibliographical references. "N84-29224"—Microfiche header. ●Item 830-D (microfiche)

1. Gearing, Spiral. I. Townsend, Dennis P. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series. OCLC 11682911

85-13080

NAS 1.15:83724

El-Bayoumy, Lotfi E.

An investigation of the transient thermal analysis of spur gears [microform] / Lotfi E. El-Bayoumy and Lee S. Akin and Dennis P. Townsend. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83724) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared for the Fourth International Power Transmission and Gearing Conference, sponsored by the American Society of Mechanical Engineers, Cambridge, Massachusetts, October 10-12, 1984." Includes bibliographical references. "N84-28088"—Microfiche header. ●Item 830-D (microfiche)

1. Gearing. I. Akin, Lee S. II. Townsend, Dennis P. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series. OCLC 11682890

85-13081

NAS 1.15:83725

Anderson, Neil E.

Efficiency of nonstandard and high contact ratio involute spur gears [microform] / Neil E. Anderson and Stuart H. Loewenthal. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 83725) (USAAVSCOM technical report ; 84-C-8) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared for the Fourth International Power Transmission and Gearing Conference, sponsored by the American Society of Mechanical Engineers, Cambridge, Massachusetts, October 10-12, 1984." Includes bibliographical references. "N84-29223"—Microfiche header. ●Item 830-D (microfiche)

1. Gearing, Spur. I. Loewenthal, Stuart H. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series. V. Series: AVSCOM technical report ; 84-C-8. OCLC 11682920

85-13082

NAS 1.15:83726

Snyder, David B.

Characteristics of arc currents on a negatively biased solar cell array in a plasma [microform] / David B. Snyder. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. : 28 cm. — (NASA technical memorandum ; 83728) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "Prepared for the Nuclear and Space Radiation Effects Conference, sponsored by the Institute of Electrical and Electronics Engineers, Colorado Springs, Colorado, July 22-25, 1984." Includes bibliographical references. "N84-27824"—Microfiche header. ●Item 830-D (microfiche)

1. Plasma arc cutting. 2. Solar cells. I. United States. National Aeronautics and Space Administration. II. Title. III. Series. OCLC 11682901

85-13083

NAS 1.15:84422

Gerlach, John C., 1943-

Facilities for meteorological research at the NASA Goddard/Wallops Flight Facility [microform] / John C. Gerlach and Robert E. Carr. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. : 28 cm. — (NASA TM ; 84422) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "Reprint from: Fifth Symposium on Meteorological Observations and Instrumentation, April 11-15, 1983, Toronto, Ontario, Canada." "Jun. 1984"—Microfiche header. Bibliography: p. 5. "N84-25223"—Microfiche header. ●Item 830-D (microfiche)

1. Wallops Flight Facility. 2. Meteorology — Research — Virginia. I. Carr, Robert E. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA technical memorandum ; 84422. OCLC 11682877

85-13084

NAS 1.15:84425

Le Vine, D. M.

Correlated measurements of UHF radar signatures, RF radiation, and electric field changes from lightning [microform] / D.M. Le Vine, Vladislav Mazur. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. : 28 cm. — (NASA-TM ; 84425) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. Includes bibliographical references. "N84-25907"—Microfiche header. ●Item 830-D (microfiche)

1. Radar in aeronautics. 2. Lightning — United States. I. Mazur, Vladislav. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA technical memorandum ; 84425. OCLC 11690793

85-13085

NAS 1.15:84916

Sarraffian, Shahan K.

Evaluation of HiMAT aircraft landing approach lateral control gearing using simulation and a visual display [microform] / Shahan K. Sarraffian. — Edwards, Calif. : National Aeronautics and Space Administration, Ames Research Center, Dryden Flight Research Facility, 1984.

1 v. : ill. : 28 cm. — (NASA technical memorandum ; 84916) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "May 1984." Bibliography: p. [12] "N84-27743"—Microfiche header. ●Item 830-D (microfiche)

1. Airplanes — Flight testing. 2. Gearing. I. Ames Research Center. II. Dryden Flight Research Facility. III. Title. IV. Series. OCLC 11690759

85-13086

NAS 1.15:85386

High resolution bone mineral densitometry with a gamma camera [microform] / Adrian LeBlanc ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, c1983.

1 v. : ill. : 28 cm. — (NASA-TM ; 85386) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. Caption title. Bibliography: p. [6] "N84-28391"—Microfiche header. ●Item 830-D (microfiche)

1. Bone densitometry. I. LeBlanc, Adrian. II. United States. National Aeronautics and Space Administration. III. Series: NASA technical memorandum ; 85386. OCLC 11690748

85-13087

NAS 1.15:85388

NIMBUS observation processing system requirements document #NG-13 [microform : ERB master archival tape specification no. T134081 ERB MAT.] — Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1984]

1 v. : ill. : 28 cm. — (NASA-TM ; 85338) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "May 1984." "N84-28668"—Microfiche header. ●Item 830-D (microfiche)

1. Nimbus (Meteorological satellite) 2. Computer storage devices. I. Goddard Space Flight Center. II. Series: NASA technical memorandum ; 85388. OCLC 11690777

85-13088

NAS 1.15:85478

Milkovich, Scott Milan.

Space radiation effects on graphite-epoxy composite materials [microform] / Scott Milan Milkovich, Carl T. Herakovich, George F. Sykes, Jr. ; prepared for Applied Materials Branch, National Aeronautics and Space Administration, Langley Research Center. — Hampton, VA : The Center, [1984]

1 v. : ill., forms : 28 cm. — (CCMS ; 84-08) (NASA-TM ; 85478) (Interim report ; 45) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches : 11 x 15 cm. "College of Engineering, Virginia Polytechnic Institute and State University, Department of Engineering Science & Mechanics." "June 1984." Includes bibliographical references. "NASA cooperative agreement NAG-1-343." "N84-25769"—Microfiche header. "VPI-E-84-20." ●Item 830-D (microfiche)

1. Composite materials. 2. Graphite — United States — Testing. I. Herakovich, Carl T. II. Sykes, George F. III. Langley Research Center. IV. Virginia Polytechnic Institute and State University. Engineering Science and Mechanics Dept. V. Title. VI. Series: CCMS report ; no. 84-08. VII. Series: NASA technical memorandum ; 85478. VIII. Series: Interim report (NASA-Virginia Tech. Composites Program) ; 45. OCLC 11690755

85-13089

NAS 1.15:85527

Lam, Peter T. C.

Secondary pattern computation of an arbitrarily shaped main reflector [microform] / Peter T.C. Lam, S.W. Lee, R. Acosta ; supported by NASA-Lewis Research Center. — Cleveland, Ohio : The Center, [1984]

1 v. : ill. : 28 cm. — (Electromagnetics Laboratory scientific report ; no. 84-7) (NASA-TM ; 85527) Microfiche. [Washington, D.C.? : National Aeronautics and Space Admin-

## National Aeronautics and Space Administration

istration, 1984]. 2 microfiches ; 11 x 15 cm. "Electromagnetics Laboratory, Department of Electrical Computer Engineering, Engineering Experiment Station, University of Illinois at Urbana-Champaign." "April 1984." Includes bibliographical references. "Grant no. NAG3-419." "N84-25909"—Microfiche header. "UILU-ENG-84-2547." ●Item 830-D (microfiche)

I. Antennas, Reflector. I. Lee, S. W. II. Acosta, R. III. Lewis Research Center. IV. University of Illinois at Urbana-Champaign. Electromagnetics Laboratory. V. Title. VI. Series. VII. Series: NASA technical memorandum ; 85527. OCLC 11690727

85-13090

NAS 1.15:85554

NASA-Ames summer high school apprenticeship research program [microform : final report, June 13-August 19, 1983.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill., forms ; 28 cm. — (NASA-TM ; 85554) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "N84-28661"—Microfiche header. ●Item 830-D (microfiche)

I. Apprentices — United States. 2. Aeronautics. I. United States. National Aeronautics and Space Administration. II. Series: NASA technical memorandum ; 85554. OCLC 11690765

85-13091

NAS 1.15:85605

Measures and metrics for software development [microform.] — Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (Software Engineering Laboratory series ; SEL-83-002) (NASA-TM ; 85606) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "March 1984." Bibliography: p. B-1-B-9. "N84-26323"—Microfiche header. ●Item 830-D (microfiche)

I. Computer programs. 2. Electronic digital computers — Programming. I. Goddard Space Flight Center. II. Series. III. Series: NASA technical memorandum ; 85605. OCLC 11690741

85-13092

NAS 1.15:85681

Burner, Alpheus W.

Video model deformation system for the national transonic facility [microform] / A.W. Burner, W.L. Snow, and W.K. Goad. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85681) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "August 1983." Includes bibliographical references. "N84-11457"—Microfiche header. ●Item 830-D (microfiche)

I. Transonic wind tunnels. 2. Photogrammetry. I. Snow, W. L. II. Goad, William K. III. Langley Research Center. IV. Title. V. Series. OCLC 11690783

85-13093

NAS 1.15:85807

Igoe, William B.

Reynolds number effects on pressure loss and turbulence characteristics of four tube-bundle heat exchangers [microform] / William B. Igoe and Garl L. Gentry, Jr. — [Washington, D.C.? : National Aeronautics and Space Administration, Scientific and Technical Information Branch, 1984.]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85807) Microfiche. [Washington, D.C.? : National Aeronau-

tics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25645"—Microfiche header. ●Item 830-D (microfiche)

I. Aerodynamics. 2. Reynolds number. 3. Heat exchangers. I. Gentry, Garl L. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 11663209

85-13094

NAS 1.15:85809

Jobson, Daniel J.

Edge analyzing properties of center/surround response functions in cybernetic vision [microform] / Daniel J. Jobson. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85809) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. "N84-25927"—Microfiche header. ●Item 830-D (microfiche)

I. Cybernetics. 2. Artificial vision. I. Langley Research Center. II. Title. III. Series. OCLC 11659245

85-13095

NAS 1.15:85810

Bavuso, S. J.

CARE III model overview and user's guide [microform] / S.J. Bavuso, P.L. Petersen, D.M. Rose. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85810) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-28514"—Microfiche header. ●Item 830-D (microfiche)

I. Computers — Reliability — Mathematical models. I. Petersen, P. L. II. Rose, D. M. III. Langley Research Center. IV. Title. V. Series. OCLC 11663217

85-13096

NAS 1.15:85812

Liu, Grace C.

Canonical solutions for unsteady flow fields [microform] / Grace C. Liu. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85812) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Includes bibliographical references. "N84-25947"—Microfiche header. ●Item 830-D (microfiche)

I. Gas dynamics. 2. Canonical correlation (Statistics) I. Langley Research Center. II. Title. III. Series. OCLC 11663178

85-13097

NAS 1.15:85819

Shivakumar, K. N.

Delamination growth analysis in quasi-isotropic laminates under loads simulating low-velocity impact [microform] / K.N. Shivakumar and W. Elber. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85819) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "June 1984." Includes bibliographical references.

"N84-27833"—Microfiche header. ●Item 830-D (microfiche)

I. Laminated materials—Testing. I. Elber, Wolf. II. Langley Research Center. III. Title. IV. Series. OCLC 11659215

85-13098

NAS 1.15:85824

Dillon-Townes, Lawrence A.

Thermoelectric temperature control system for the Push-broom Microwave Radiometer (PBM) [microform] / Lawrence A. Dillon-Townes and Robert D. Averill. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85824) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-28000"—Microfiche header. ●Item 830-D (microfiche)

I. Radiometer. 2. Microwave devices. 3. Radiometer-sondes. I. Averill, Robert D., 1932- II. Langley Research Center. III. Title. IV. Series. OCLC 11663183

85-13099

NAS 1.15:85826

Singh, Jag J.

An investigation of chemically-induced improvement in saturation moisture characteristics of epoxies [microform] / Jag J. Singh, Terry L. St. Clair, and Diane M. Stoakley. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85826) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-27834"—Microfiche header. ●Item 830-D (microfiche)

I. Epoxy compounds. 2. Moisture—United States—Measurement. I. St. Clair, Terry L. II. Stoakley, Diane M. III. Langley Research Center. IV. Title. V. Series. OCLC 11663195

85-13100

NAS 1.15:85828

Bales, Kay S.

Structures and Dynamics Division [microform : research and technology plans for FY 1984 and accomplishments for FY 1983] / Kay S. Bales. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85828) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "June 1984." "N84-29245"—Microfiche header. ●Item 830-D (microfiche)

I. Langley Research Center. Structures and Dynamics Division. 2. Structural dynamics—Research. 3. Aeronautics—Research—United States. I. Langley Research Center. Structures and Dynamics Division. II. Title. III. Series. OCLC 11663204

85-13101

NAS 1.15:85829

Spearman, M. Leroy.

Unconventional missile concepts from consideration of varied mission requirements [microform] / M. Leroy Spearman. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85829) Microfiche. [Washington, D.C.? : National Aeronau-

tics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-27679"—Microfiche header. ●Item 830-D (microfiche)

I. Guided missiles—Design and construction. I. Langley Research Center. II. Title. III. Series. OCLC 11659229

85-13102

NAS 1.15:85830

Monteith, James H.

A comparison of two photogrammetric algorithms for the measurement of model deformation in the national transonic facility [microform] / James H. Monteith. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85830) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-28513"—Microfiche header. ●Item 830-D (microfiche)

I. Aeronautics—United States—Mathematical models. 2. Photogrammetry—United States. 3. Algorithms. I. Langley Research Center. II. Title. III. Series. OCLC 11663189

85-13103

NAS 1.15:85832

Looney, Karen T.

Investigation of fast initialization of spacecraft bubble memory systems [microform] / Karen T. Looney, Charles D. Nichols, and Paul J. Hayes. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85832) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-27977"—Microfiche header. ●Item 830-D (microfiche)

I. Computer storage devices. 2. Space vehicles. I. Nichols, Charles D. II. Hayes, Paul J. III. Langley Research Center. IV. Title. V. Series. OCLC 11672437

85-13104

NAS 1.15:85867

Ahumada, Albert.

Uniform apparent contract noise [microform : a picture of the noise of the visual contrast detection system] / A.J. Ahumada, Jr., A.B. Watson. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85867) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 1984"—Cover. Includes bibliographical references. "N84-29456"—Microfiche header. ●Item 830-D (microfiche)

I. Noise control. 2. Computer graphics. I. Watson, Andrew B. II. Ames Research Center. III. Title. IV. Series. OCLC 11672410

85-13105

NAS 1.15:85868

Falzon, Pierre.

Understanding a technical language [microform : a schema-based approach] / Pierre Falzon. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

# National Aeronautics and Space Administration

1 v. : 28 cm. — (NASA technical memorandum : 85868) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "July 1984"—Cover. Bibliography: p. 22-24. "N84-29478"—Microfiche header. ●Item 830-D (microfiche)

1. Communication of technical information — United States.
2. Technology — United States — Language. I. Ames Research Center. II. Title. III. Series. OCLC 11672359

85-13106

NAS 1.15:85907

Gong, Leslie.

Thermal response of space shuttle wing during reentry heating [microform] / Leslie Gong, William L. Ko, and Robert D. Quinn. — Edwards, Calif. : National Aeronautics and Space Administration, Ames Research Center, Dryden Flight Research Facility, 1984.

1 v. : ill. ; 28 cm. — (NASA technical memorandum : 85907) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "June 1984"—Cover. Includes bibliographical references. "N84-27785"—Microfiche header. ●Item 830-D (microfiche)

1. Space shuttles.
2. Space vehicles — Atmospheric entry.
3. Space vehicles — Thermodynamics. I. Ko, William L. II. Quinn, Robert D. III. Ames Research Center. IV. Title. V. Series. OCLC 11672448

85-13107

NAS 1.15:85940

Chapman, Gary T.

Nonlinear problems in flight dynamics [microform] / Gary T. Chapman, Murray Tobak. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum : 85940) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "May 1984"—Cover. Includes bibliographical references. "N84-25648"—Microfiche header. ●Item 830-D (microfiche)

1. Fluid dynamics (Space environment)
2. Equations, Theory of. I. Tobak, Murray. II. Ames Research Center. III. Title. IV. Series. OCLC 11672430

85-13108

NAS 1.15:85945

Eberhardt, D. Scott.

Study of the mapping of Navier-Stokes algorithms onto multiple-instruction/multiple-data-stream computers [microform] / D. Scott Eberhardt, Donald Baganoff, K.G. Stevens, Jr. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum : 85945) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "July 1984"—Cover. Includes bibliographical references. "N84-29544"—Microfiche header. ●Item 830-D (microfiche)

1. Navier-Stokes equations — Data processing. I. Baganoff, Donald. II. Stevens, K. G. III. Ames Research Center. IV. Title. V. Series. OCLC 11672366

85-13109

NAS 1.15:85950

Cosentino, Gary B.

Numerical optimization design of advanced transonic wing configurations [microform] / Gary B. Cosentino, Terry L. Holst. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum : 85950) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches : 11 x 15 cm. "May 1984"—Cover. Includes bibliographical references. "N84-27718"—Microfiche header. ●Item 830-D (microfiche)

1. Transonic planes — Wings. I. Holst, Terry L. II. Ames Research Center. III. Title. IV. Series. OCLC 11672376

85-13110

NAS 1.15:85957

Barth, Timothy J.

An efficient approximate factorization implicit scheme for the equations of gasdynamics [microform] / Timothy J. Barth, Joseph L. Steger. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum : 85957) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "June 1984"—Cover. Includes bibliographical references. "N84-29556"—Microfiche header. ●Item 830-D (microfiche)

1. Gas dynamics — Mathematical models. I. Steger, Joseph L. II. Ames Research Center. III. Title. IV. Series. OCLC 11672400

85-13111

NAS 1.15:85965

Peterson, Victor L.

Application of supercomputers to computational aerodynamics [microform] / Victor L. Peterson. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v. : 28 cm. — (NASA technical memorandum : 85965) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "June 1984"—Cover. Includes bibliographical references. "N84-27680"—Microfiche header. ●Item 830-D (microfiche)

1. Navier-Stokes equations — Numerical solutions. I. Ames Research Center. II. Title. III. Series. OCLC 11691386

85-13112

NAS 1.15:85973

Kittel, Peter.

Design considerations for a "He refrigerator for space applications [microform] / Peter Kittel, Andres F. Rodriguez. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum : 85973) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche : 11 x 15 cm. "July 1984"—Cover. Includes bibliographical references. "N84-28001"—Microfiche header. ●Item 830-D (microfiche)

1. Fluid dynamics (Space environment) I. Rodriguez, Andres F. II. Ames Research Center. III. Title. IV. Series. OCLC 11672424

85-13113

NAS 1.15:85981

Soderman, Paul T.

Effect of boattail geometry on the aeroacoustics of parallel baffles in ducts [microform] / Paul T. Soderman, Gregory Unnever, Michael R. Dudley. — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 85981) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 1984."—Cover. Includes bibliographical references. "N84-29686"—Microfiche header. ●Item 830-D (microfiche)

1. Air ducts—Aerodynamics. I. Unnever, Gregory. II. Dudley, Michael R. III. Ames Research Center. IV. Title. V. Series. OCLC 11672386

85-13114

NAS 1.15:86044

Statistical correlation of structural mode shapes from test measurements and NASTRAN analytical values [microform] / L. Purves ... [et al.].—Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1983]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86044.) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983]. 2 microfiches ; 11 x 15 cm. "November 1983." "N84-26054"—Microfiche header. ●Item 830-D (microfiche)

1. NASTRAN (Computer program) 2. Statistics. I. Purves, L. II. Goddard Space Flight Center. III. Series. OCLC 11691395

85-13115

NAS 1.15:86080

Prabhakara, Cuddapah.

Nimbus 7 SMMR derived seasonal variations in the water vapor, liquid water and surface winds over the global oceans [microform] / Cuddapah Prabhakara and David A. Short. —Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86080.) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 1984." Bibliography: p. 19-21. "N84-26233"—Microfiche header. ●Item 830-D (microfiche)

1. Nimbus (Meteorological satellite) 2. Water vapor transport. I. Short, David A. II. Goddard Space Flight Center. III. Title. IV. Title: Nimbus 7 S.M.M.R. derived seasonal variations in the water vapor, liquid water and surface winds over the global oceans. V. Series. OCLC 11691402

85-13116

NAS 1.15:86088

Large-scale interplanetary magnetic fields [microform : Voyager 1 and 2 observations between 1 AU and 9.5 AU] / L.F. Burlaga ... [et al.].—Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86088) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 1984." Bibliography: p. 18-19. "N84-28712"—Microfiche header. ●Item 830-D (microfiche)

1. Magnetic fields (Cosmic physics)—Observations. 2. Project Voyager. I. Burlaga, L. F. II. Goddard Space Flight Center. III. Series. OCLC 11691365

85-13117

NAS 1.15:86089

Engelberg, Norman.

Considerations on command and response language features for a network of heterogeneous autonomous computers [microform] / Norman Engelberg, Charles Shaw III. —Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1984]

1 v. ; 28 cm. — (NASA technical memorandum ; 86089.) Microfiche. [Washington, D.C.? : National Aeronautics and

Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Century Computing, Incorporated." "January 31, 1984." Bibliography: p. 51-58. "N84-28535"—Microfiche header. "NASA Goddard Space Flight Center contract NAS5-27197." ●Item 830-D (microfiche)

1. Computer networks. 2. Programming languages (Electronic computers) I. Shaw, Charles. II. Goddard Space Flight Center. III. Century Computing, Incorporated. IV. Title. V. Series. OCLC 11691378

85-13118

NAS 1.15:86091

Benson, Robert F.

Field-aligned electron density irregularities near 500 KM - equator to polar cap topside sounder Z mode observations [microform] / Robert F. Benson. —Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86091) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 1984." Bibliography: p. 6. "N84-28277"—Microfiche header. ●Item 830-D (microfiche)

1. Space shuttles. 2. Noise control. I. Goddard Space Flight Center. II. Title. III. Series. OCLC 11691398

85-13119

NAS 1.15:86104

Le Vine, D. M.

Tortuosity of lightning return stroke channels [microform] / D.M. Le Vine, Bruce Gilson. —Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86104.) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Bibliography: p. 12-13. "N84-28295"—Microfiche header. ●Item 830-D (microfiche)

1. Lightning—United States—Mathematical models. I. Gilson, Bruce. II. Goddard Space Flight Center. III. Title. IV. Series. OCLC 11691405

85-13120

NAS 1.15:86119

Webster, William J.

Observations of the earth's magnetic field from the space station [microform : measurement at high and extremely low altitude using space station-controlled free-flyers] / William J. Webster, Jr., James J. Frawley, Michael Stefanik. —Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86119) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "May 1984." Bibliography: p. 44-46. "N84-26183"—Microfiche header. ●Item 830-D (microfiche)

1. Space stations. 2. Magnetic fields—Observations. I. Frawley, James J. II. Stefanik, Michael. III. Goddard Space Flight Center. IV. Title. V. Series. OCLC 11691362

85-13121

NAS 1.15:86246

Holt, Henry E.

Reports of planetary geology program - 1983 [microform] / compiled by Henry E. Holt. —Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Office, 1984.

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86246) Microfiche. [Washington, D.C.? : National Aeronau-

## National Aeronautics and Space Administration

tics and Space Administration, 1984]. 4 microfiches ; 11 x 15 cm. Includes bibliographies. "N84-23431"—Microfiche header. ●Item 830-D (microfiche)

1. Planets—Geology—Abstracts. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Title. III. Series. OCLC 11691410

85-13122

NAS 1.15:86249

Plescia, Jeffrey B.

A bibliography of planetary geology principal investigators and their associates, 1982-1983 [microform] / J.B. Plescia, compiler. — [Washington, D.C.? : National Aeronautics and Space Administration, Scientific and Technical Information Branch, 1984.

1 v. ; 28 cm. — (NASA technical memorandum ; 86249) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes index. "N84-29840"—Microfiche header. ●Item 830-D (microfiche)

1. Space sciences—United States—Bibliography. 2. Planets—Geology—Bibliography. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Title. III. Series. OCLC 11691371

85-13123

NAS 1.15:86252

Spearman, M. Leroy.

Scientific and technical training in the Soviet Union [microform] / M. Leroy Spearman. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86252) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1984." Includes bibliographical references. "N84-28725"—Microfiche header. ●Item 830-D (microfiche)

1. Science—Soviet Union. 2. Technology—Soviet Union. I. Langley Research Center. II. Title. III. Series. OCLC 11694443

85-13124

NAS 1.15:86255

Fulton, Robert E.

Management of CAD/CAM information [microform : key to improved manufacturing productivity] / Robert E. Fulton and Jack Brainin. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86255) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 1984." Includes bibliographical references. "N84-29545"—Microfiche header. ●Item 830-D (microfiche)

1. Industrial productivity—United States—Data processing. 2. Computer programs—Testing. I. Brainin, Jack. II. Langley Research Center. III. Title. IV. Series. OCLC 11694418

85-13125

NAS 1.15:86259

Cazier, F. W.

Ground vibration test of F-16 airplane with initial decoupler pylon / F.W. Cazier, Jr., M.W. Kehoe. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

44 p. : ill. ; 28 cm. — (NASA technical memorandum ; 86259) Distributed to depository libraries in microfiche. "October 1984"—Cover. Includes bibliographical references. Subject category 05. National Aeronautics and Space Administration. ●Item 830-D (microfiche)

1. F-16 (Fighter planes) I. Kehoe, M. W. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 11770288

85-13126

NAS 1.15:86261

Butler, Ricky W.

The Semi-Markov Unreliability Range Evaluator (SURE) program [microform] / Ricky W. Butler. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA technical memorandum ; 86261) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 1984." "N84-29640"—Microfiche header. Includes bibliographical references. ●Item 830-D (microfiche)

1. Markov processes—Computer programs. I. Langley Research Center. II. Title. III. Series. OCLC 11694451

85-13127

NAS 1.15:86265

Townsend, Lawrence W.

Galactic heavy-ion shielding using electrostatic fields / Lawrence W. Townsend. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

7 p. : ill. ; 28 cm. — (NASA technical memorandum ; 86265) Distributed to depository libraries in microfiche. "September 1984"—Cover. Includes bibliographical references. Subject category 18. ●Item 830-D (microfiche)

1. Shielding (Electricity) 2. Space vehicles—Electrostatic charging. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Title. III. Series. OCLC 11770160

85-13128

NAS 1.15:86653

Pleasant, Linda G.

Publications of the Exobiology Program for 1983 : a special bibliography / compiled by Linda G. Pleasant, Donald L. DeVincenzi. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

21 p. ; 28 cm. — (NASA technical memorandum ; 86653) "George Washington University." Distributed to depository libraries in microfiche. "August 1984"—Cover. Subject category 55. National Aeronautics and Space Administration. Contract No.: NASW-3165. ●Item 830-D (microfiche)

1. Chemical evolution—Bibliography. 2. Life on other planets—Bibliography. 3. Extraterrestrial anthropology—Bibliography. I. DeVincenzi, Donald L. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. George Washington University. IV. Title. V. Series. OCLC 11770220

85-13129

NAS 1.15:87361

A Bibliography of planetary geology and geophysics principal investigators and their associates, 1983-1984 / Nanci E. Witbeck, editor. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

iii, 53 p. : 28 cm. — (NASA technical memorandum ; 87361) Distributed to depository libraries in microfiche. "October 1984"—Cover. Includes index. Subject category 88. National Aeronautics and Space Administration. ●Item 830-D (microfiche)

1. Planets — Geology — Bibliography. I. Witbeck, Nanci E. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Series. OCLC 11770299

85-13130

NAS 1.18:G 76/3/984/inst.84-1

United States. National Aeronautics and Space Administration. NASA grant and cooperative agreement handbook instruction. — [Washington, D.C.] : NASA, [1984.]

1 v. (loose-leaf) : 1 form ; 28 cm. Caption title. "July 1, 1984." "84-1." ●Item 830-F

1. Federal aid to research — United States — Handbooks, manuals, etc. 2. Research grants — United States — Handbooks, manuals, etc. I. Title. OCLC 11706590

85-13131

NAS 1.18:M 58/2/v.10

Middle Atmosphere Program : handbook for MAP. — Urbana, Ill. : ICSU, Scientific Committee on Solar-Terrestrial Physics, 1981-

v. : ill. ; 25 cm. "Published for the ICSU Scientific Committee on Solar-Terrestrial Physics (SCOSTEP) with financial assistance from the National Aeronautics and Space Administration, contract NASW 3805." "May 1984"—Vol. 10. Contents: v. 10. Papers presented at the International Symposium on Ground-Based Studies of the Middle Atmosphere, May 9-13, 1983, Schwerin, German Democratic Republic / edited by J. Taubenheim. Includes bibliographies. ●Item 830-F

1. Stratosphere. 2. Air — Pollution. I. Taubenheim, J. II. International Council of Scientific Unions. Scientific Committee on Solar-Terrestrial Physics. III. United States. National Aeronautics and Space Administration. IV. International Symposium on Ground-Based Studies of the Middle Atmosphere (1983 : Schwerin, Schwerin, Germany) OCLC 08579026

85-13132

NAS 1.19:212

Microgravity : a new tool for basic and applied research in space / Microgravity Science and Applications Division, Office of Space Science and Applications. — Washington, D.C. : National Aeronautics and Space Administration : For sale by the Supt. of Docs., U.S. G.P.O., [1984?]

28 p. : ill. (some col.) ; 28 cm. "EP-212." ●Item 830-G S/N 033-000-00924-1 @ GPO \$2.25

1. Space shuttles. 2. Weightlessness — Research — United States. I. United States. Office of Space Science and Applications. Microgravity Science and Applications Division. OCLC 11773163

85-13133

NAS 1.20:KSC 135-81

Space launch vehicles. — Rev. Nov. 1983. — Kennedy Space Center, Fla. : National Aeronautics and Space Administration, John F. Kennedy Space Center, 1983 (1984 printing)

4 p. : ill. ; 28 cm. — (NASA facts ; KSC 135-81) Caption title. ●Item 830-H

1. Launch vehicles (Astronautics) I. John F. Kennedy Space Center. II. Series. OCLC 11729946

85-13134

NAS 1.21:469

The Geology of the terrestrial planets / Michael H. Carr ... [et al.] ; Michael H. Carr, editor. — Washington, D.C. : NASA, Scientific and Technical Information Branch : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

viii, 317 p. : ill. (some col.) ; 30 cm. — (NASA SP ; 469) Includes index. Bibliography: p. 291-313. ●Item 830-I S/N 033-000-00900-3 @ GPO \$16.00

1. Planets. 2. Geology. I. Carr, M. H. (Michael H.) II. Series. QB601.G47 1984 83-016348 559.9  2 19 OCLC 10277189

85-13135

NAS 1.21:481

Mark, Hans Michael 1929-

The management of research institutions : a look at government laboratories / Hans Mark and Arnold Levine. — Washington, DC : Scientific and Technical Information Branch, National Aeronautics and Space Administration : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

xii, 306 p. : ill. (1 col.), ports. ; 23 cm. — (NASA SP ; 481) Includes bibliographical references and index. ●Item 830-I S/N 003-000-00937-2 @ GPO \$9.00

1. Research institutes — United States — Management. 2. Technology — United States — Management. I. Levine, Arnold S. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. 84-014869 OCLC 11736190

85-13136

NAS 1.26:3251

NAS 1.26:3252

PAN AIR, a computer program for predicting subsonic or supersonic linear potential flows about arbitrary configurations using a higher order panel method [microform.] — Moffett Field, Calif. : National Aeronautics and Space Administration, Ames Research Center, [1981-]

v. : ill. ; 28 cm. — (NASA contractor report ; 3251-3252) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984] microfiches ; 11 x 15 cm. January 1978-May 1980. "Boeing Military Airplane Company." Includes bibliographical references. Contents: v. 1. Theory document (version 1.1) / Alfred E. Magnus, Michael A. Epton — v. 2. User's manual (version 1.1) / Kenneth W. Sidwell, Pranab K. Baruah and John E. Bussoletti. Prepared for Ames Research Center ... [et al.]. Contract No.: NAS2-9830. "N84-27697"—Vol. 1, microfiche header. "N84-27698"—Vol. 2, microfiche header. ●Item 830-H-14 (microfiche)

1. Aerodynamics. 2. Aerodynamics, Supersonic. I. Magnus, Alfred, 1951- II. Ames Research Center. III. Boeing Military Airplane Company. IV. Series. OCLC 11662952

## National Aeronautics and Space Administration

85-13137

NAS 1.26:3290

Advanced composite elevator for Boeing 727 aircraft [microform] / D.V. Chovil ... [et al.]; prepared for Langley Research Center under contract NAS1-14952. — [Washington, D.C.?]: National Aeronautics and Space Administration, Scientific and Technical Information Branch, 1981-

v. : ill. ; 28 cm. — (NASA contractor report ; 3290) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiche ; 11 x 15 cm. "Boeing Commercial Airplane Company." Bibliography: v. 1, p. 29. Contents: v. 1. Technical summary. "N84-27722"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Elevators (Airplanes) I. Chovil, D. V. II. Langley Research Center. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Boeing Commercial Airplane Company. V. Series. OCLC 11662978

85-13138

NAS 1.26:3468

Integrated application of active controls (IAAC) technology to an advanced subsonic transport project [microform : wing planform study and final configuration selection, summary report] / staff of Boeing Commercial Airplane Company ; prepared for Langley Research Center under contract NAS1-15325. — [Washington, D.C.?]: National Aeronautics and Space Administration, Scientific and Technical Information Branch, 1981.

1 v. : ill. ; 28 cm. — (NASA contractor report ; 3468) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-27720"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Aerodynamics. 2. Airplanes—Control systems. 3. Airplanes—Design and construction. I. Langley Research Center. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Boeing Commercial Airplane Company. IV. Series. OCLC 11663006

85-13139

NAS 1.26:3820

Printy, Matthew F.

A kinetic energy study of the meso B-scale storm environment during AVE-SESAME V (20-21 May 1979) / Matthew F. Printy and Henry E. Fuelberg. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by National Technical Information Service], 1984.

viii, 104 p. : ill. ; 28 cm. — (NASA contractor report ; 3820) "Department of Earth and Atmospheric Sciences, Saint Louis University"—Rept. doc. p. Distributed to depository libraries in microfiche. "August 1984"—Cover. Bibliography: p. 101-104. Prepared for George C. Marshall Space Flight Center. Contract No.: NAS8-33370 Project No.: M-442. Subject category 47. ●Item 830-H-14 (microfiche)

1. Thunderstorms. I. Fuelberg, Henry E. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. St. Louis University. Dept. of Earth and Atmospheric Sciences. IV. Title. V. Series. OCLC 11658362

85-13140

NAS 1.26:3826

Kalb, Michael W.

Initialization of a mesoscale model for April 10, 1979, using alternative data sources / Michael W. Kalb. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. :

For sale by the National Technical Information Service], 1984.

xiv, 230 p. : ill. ; 28 cm. — (NASA contractor report ; 3826) "Universities Space Research Association." Distributed to depository libraries in microfiche. "August 1984"—Cover. Bibliography: p. 224-230. Subject category 47. Prepared for George C. Marshall Space Flight Center. Contract No.: NAS8-34767. Project No.: M-460. ●Item 830-H-14 (microfiche)

1. Meteorological satellites. 2. Weather forecasting. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Universities Space Research Association. III. George C. Marshall Space Flight Center. IV. Title. V. Series. OCLC 11700129

85-13141

NAS 1.26:3832

So, Ronald M. C.

An experimental investigation of gas jets in confined swirling air flow / Ronald M.C. So, Saad A. Ahmed, and Hukam C. Mongia. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

vii, 149 p. : ill. ; 28 cm. — (NASA contractor report ; 3832) "Arizona State University." Distributed to depository libraries in microfiche. "September 1984"—Cover. Bibliography: p. 56-58. STAR category 07. Prepared for Lewis Research Center. Grant No.: NAG3-260. ●Item 830-H-14 (microfiche)

1. Jets—Fluid dynamics. 2. Combustion engineering—United States. I. Ahmed, Saad A. II. Mongia, H. C. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Arizona State University. V. Title. VI. Series. OCLC 11697690

85-13142

NAS 1.26:3835

Slowey, Jack W.

Dynamic model of the Earth's upper atmosphere / Jack W. Slowey. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

9, 8 p. : ill. ; 28 cm. — (NASA contractor report ; 3835) Final report. Aug. 27, 1982-Feb. 26, 1984. "Smithsonian Institution, Astrophysical Observatory"—Rept. doc. p. Distributed to depository libraries in microfiche. "September 1984"—Cover. Bibliography: p. 8 (2nd group) Prepared for George C. Marshall Space Flight Center. Contract No.: NAS8-34947. Project No.: M-462. Subject category 47. ●Item 830-H-14 (microfiche)

1. Atmospheric density. 2. Magnetism, Terrestrial. 3. Atmospheric, Upper—Mathematical models. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Smithsonian Astrophysical Observatory. III. Title. IV. Series. OCLC 11658233

85-13143

NAS 1.26:3839

Pierson, Willard J.

A Monte Carlo comparison of the recovery of winds near upwind and downwind from the SASS-1 model function by means of the sum of squares algorithm and a maximum likelihood estimator / Willard J. Pierson, Jr. — Washington, D.C. : National Aeronautics and Space Administration, Scientific

and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

63, 60, 14 p. : ill. ; 28 cm. — (NASA contractor report ; 3839) "CUNY Institute of Marine and Atmospheric Sciences, The City College of New York." Distributed to depository libraries in microfiche. "October 1984"—Cover. Bibliography: p. 61-63. National Aeronautics and Space Administration, Oceanic Processes Branch/OSSA. Grant No.: NAGW-266. Subject category 43. ●Item 830-H-14 (microfiche)

1. Backscattering. 2. Scattering (Physics) I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. City University of New York. City College. Institute of Marine and Atmospheric Sciences. III. Title. IV. Series. OCLC 11750719

85-13144

NAS 1.26:3842

Foldes, Peter.

RF characteristics of the hoop column antenna for the land mobile satellite system mission / Peter Foldes. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

iii, 61 p. : ill. ; 28 cm. — (NASA contractor report ; 3842) "Foldes Incorporated"—Rept. doc. p. Distributed to depository libraries in microfiche. "November 1984"—Cover. Includes bibliographical references. Prepared for Langley Research Center. Contract No.: NAS1-17209. Subject category 32. ●Item 830-H-14 (microfiche)

1. Artificial satellites in telecommunication. 2. Telecommunication. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Foldes Incorporated. III. Langley Research Center. IV. Title. V. Series. OCLC 11689299

85-13145

NAS 1.26:3844

Deformation measurements of composite multi-span beam shear specimens by moiré interferometry / prepared for Langley Research Center under grant NAG1-359 ; Daniel Post ... [et al.] — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

[i], 96 p. : ill. ; 28 cm. — (NASA contractor report ; 3844) National Aeronautics and Space Administration. Contract No.: NAG1-359. Distributed to depository libraries in microfiche. "November 1984"—Cover. Includes bibliographical references. Subject category 24. ●Item 830-H-14 (microfiche) STRN: NASA CR-3844

1. Deformations (Mechanics). 2. Composite materials. 3. Shear (Mechanics). I. Post, Daniel. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Langley Research Center. IV. Series. OCLC 11673596

85-13146

NAS 1.26:165325

Bradt, R. C. (Richard Carl), 1938-

The impact resistance of SiC and other mechanical properties of SiC and Si<sub>3</sub>N<sub>4</sub> [microform] / Richard C. Bradt ; prepared for National Aeronautics and Space Administration, Lewis Research Center under grant NSG-3016. — University Park, Pa. : The Pennsylvania State University, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 165325) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 1984." Includes bibliographical references. "N84-24809"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Silicon carbide. 2. Silicon compounds. I. Lewis Research Center. II. Pennsylvania State University. III. Title. IV. Series. OCLC 11694460

85-13147

NAS 1.26:165831

Myler, T. R.

NEMAR plotting computer program [microform] / T.R. Myler. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1981]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 165831) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Vought Corporation." "December 1981." Includes bibliographical references. "NASA contract NAS1-15000." "N84-28516"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space flight — Data processing. I. Langley Research Center. II. Vought Corporation. III. Title. IV. Title: N.E.M.A.R. plotting computer program. V. Series. OCLC 11673436

85-13148

NAS 1.26:165832

Myler, T. R.

Elliptical orbit performance computer program [microform] / T.R. Myler. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1981]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 165832) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Vought Corporation." "December 1981." Includes bibliographical references. "NASA contract NAS1-15000." "N84-28515"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Orbital rendezvous (Space flight) — Data processing. I. Langley Research Center. II. Vought Corporation. III. Title. IV. Series. OCLC 11673423

85-13149

NAS 1.26:165925

Malik, Mujeeb R.

COSAL, a black-box compressible stability analysis code for transition prediction in three-dimensional boundary layers [microform] / Mujeeb R. Malik. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1982]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 165925) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "High Technology Corporation." "May 1982." "Contract NAS1-16916." "N84-28002"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Boundary layer — Data processing. I. Langley Research Center. II. High Technology Corporation. III. Title. IV. Series. OCLC 11673405

85-13150

NAS 1.26:166008

Investigation, development, and evaluation of performance proving for fault-tolerant computers [microform] / Karl N. Levitt ... [et al.]. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 166008) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 6 microfiches ; 11 x 15. "SRI International." "August 1983." Includes bibliographies. "N84-25307 thru N84-25324"—Microfiche header. "Contract NAS1-15528." ●Item 830-H-14 (microfiche)

## National Aeronautics and Space Administration

1. Virtual computer systems—Mathematical models. 2. System analysis. I. Levitt, Karl N. II. Langley Research Center. III. SRI International. IV. Series. OCLC 11694411

85-13151

NAS 1.26:166530

Phatak, Anil V.

Investigation of image enhancement techniques for the development of a self-contained airborne radar navigation system [microform] / Anil V. Phatak, Meheubu [sic] S. Karmali; prepared for Ames Research Center.—Moffett Field, Calif.: National Aeronautics and Space Administration, Ames Research Center, [1983]

1 v.: ill.; 28 cm.—(NASA contractor report; 166530) Microfiche. [Washington, D.C.: National Aeronautics and Space Administration, 1984]. 1 microfiche; 11 x 15 cm. "Analytical Mechanics Associates, Inc."—Cover. "July 1983"—Cover. Includes bibliographical references. "Contract NAS2-11276." "N84-25684"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Image processing. 2. Radar in aeronautics. I. Karmali, Meheub S. II. Ames Research Center. III. Analytical Mechanics Associates. IV. Title. V. Series. OCLC 11673549

85-13152

NAS 1.26:166572

Parikh, Pareshkumar C.

A numerical study of the controlled flow tunnel for a high lift model [microform] / Pareshkumar C. Parikh; prepared for Ames Research Center.—Moffett Field, Calif.: National Aeronautics and Space Administration, Ames Research Center, 1984.

1 v.: ill.; 28 cm.—(NASA contractor report; 166572) Microfiche. [Washington, D.C.: National Aeronautics and Space Administration, 1984]. 2 microfiches; 11 x 15 cm. "University of Washington." Includes bibliographical references. "Grant NSG 2260." "N84-25642"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Wind tunnels—Flow visualization. 2. Vertically rising aircraft—Aerodynamics. I. Ames Research Center. II. University of Washington. III. Title. IV. Series. OCLC 11673539

85-13153

NAS 1.26:166583

Chato, J. C.

Optimization of cooled shields in insulations [microform] / J.C. Chato, J.M. Khodadadi, J. Seyed-Yagoobi; prepared for Ames Research Center.—Moffett Field, Calif.: National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v.: ill.; 28 cm.—(NASA contractor report; 166583) Microfiche. [Washington, D.C.: National Aeronautics and Space Administration, 1984]. 1 microfiche; 11 x 15 cm. "Department of Mechanical and Industrial Engineering, University of Illinois at Urbana-Champaign." "April 1984"—Cover. Includes bibliographical references. "Grant NAG2-219." "N84-27999"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Insulation (Heat) 2. Thermodynamics. I. Khodadadi, J. M. II. Seyed-Yagoobi, J. III. Ames Research Center. IV. University of Illinois at Urbana-Champaign. Dept. of Mechanical and Industrial Engineering. V. Title. VI. Series. OCLC 11673478

85-13154

NAS 1.26:166584

Rank, David M.

Astronomical application of IR CID technology [microform: final report] / David M. Rank; prepared for Ames

Research Center.—Moffett Field, Calif.: National Aeronautics and Space Administration, Ames Research Center, [1984]

1 v.: ill.; 28 cm.—(NASA contractor report; 166584) Microfiche. [Washington, D.C.: National Aeronautics and Space Administration, 1984]. 1 microfiche; 11 x 15 cm. "Board of Studies in Astronomy and Astrophysics, Lick Observatory, University of California." "April 1984"—Cover. "Cooperative agreement NCC2-169." "N84-28057"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Astronomy—Data processing. 2. Astrophysics—Data processing. I. Ames Research Center. II. Lick Observatory. Board of Studies in Astronomy and Astrophysics. III. Title. IV. Series. OCLC 11673494

85-13155

NAS 1.26:168181

Kaszeta, William J.

Qualification testing of solar photovoltaic powered refrigerator freezers for medical use in remote geographic locations [microform] / William J. Kaszeta; prepared for National Aeronautics and Space Administration, Lewis Research Center.—Phoenix, Ariz.: Solavolt International, [1982]

1 v.: ill.; 28 cm.—(NASA CR; 168181) Microfiche. [Washington, D.C.: National Aeronautics and Space Administration, 1984]. 1 microfiche; 11 x 15 cm. "Final report." "December 1982." "N84-25162"—Microfiche header. "Contract no. DEN 3-240." ●Item 830-H-14 (microfiche)

1. Refrigeration and refrigerating machinery. 2. Photovoltaic power generation. I. Lewis Research Center. II. Solavolt International. III. Title. IV. Series: NASA contractor report; 168181. OCLC 11694423

85-13156

NAS 1.26:168218

Strangman, T. E.

Low-cost single-crystal turbine blades / T.E. Strangman, B. Heath, and M. Fujii.—[Cleveland, Ohio]: National Aeronautics and Space Administration, Lewis Research Center; [Springfield Va.: b For sale by the National Technical Information Service], 1984—

v.: ill.; 28 cm.—(NASA contractor report; 168218) Cover title. Distributed to depository libraries in microfiche. "Garrett Turbine Engine Company." "November 1983"—Vol. 1. Includes bibliographical references. Prepared for National Aeronautics and Space Administration, Lewis Research Center. Contract No.: NAS3-20073. ●Item 830-H-14 (microfiche)

1. Turbines—Blades. 2. Metal crystals. I. Heath, B. II. Fujii, M. III. Lewis Research Center. IV. Garrett Turbine Engine Company. V. Title. VI. Series. OCLC 11758392

85-13157

NAS 1.26:168242

Lalk, Thomas R.

Evaluation of dissociated and steam-reformed methanol as automotive engine fuels [microform] / Thomas R. Lalk, David M. McCall, John M. McCanlies; prepared for National Aeronautics and Space Administration, Lewis Research Center for U.S. Department of Energy, Conservation and Solar Energy, Office of Transportation Program.—Cleveland, Ohio: National Aeronautics and Space Administration, Lewis Research Center, [1984]

1 v.: ill.; 28 cm.—(NASA CR; 168242) Microfiche. [Washington, D.C.: National Aeronautics and Space Administration, 1984]. 2 microfiches; 11 x 15 cm. "Texas A&M University." "May 1984." Includes bibliographical references. "Grant no. NAG3-142." "DOE/NASA/0142-1."

"N84-27909"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Methane. 2. Automobiles—United States—Fuel systems. I. McCall, David M. II. McCanlies, John M. III. Lewis Research Center. IV. United States. Dept. of Energy. Office of Transportation Programs. V. Texas A & M University. VI. Title. VII. Series: NASA contractor report ; 168242. OCLC 11673525

85-13158

NAS 1.26:168253

K-band latching switches. — Redondo Beach, CA : TRW Electronic Systems Group, [Springfield, Va., For sale by the National Technical Information Service 1984]

1 v. : ill. ; 28 cm. — (CR ; 168253) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Final report. "May 1984." Includes bibliographical references. "N84-24973"—Microfiche header. National Aeronautics and Space Administration, Lewis Research Center. Contract No.: NAS3-22336. ●Item 830-H-14 (microfiche)

1. Ferrite devices. I. TRW, Inc. Electronic Systems Group. II. Lewis Research Center. III. Series: NASA contractor report ; 168253. OCLC 11694468

85-13159

NAS 1.26:168268

Darkazalli, Ghazi.

Solar photovoltaic powered refrigerators/freezers for medical use in remote geographic locations [microform] / Ghazi Darkazalli and Gerald F. Hein ; prepared for National Aeronautics and Space Administration, Lewis Research Center under contract DEN 3-238. — [Cleveland, Ohio?] : The Center, [1983]

1 v. : ill. ; 28 cm. — (NASA CR ; 168268) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Oct. 1983." "N84-25163"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Photovoltaic power generation. 2. Refrigeration and refrigeration machinery—United States. 3. Vaccines. I. Hein, Gerald F. II. Lewis Research Center. III. Title. IV. Series: NASA contractor report ; 168268. OCLC 11694430

85-13160

NAS 1.26:168298

Farooque, M.

Evaluation of gas-cooled pressurized phosphoric acid fuel cells for electric utility power generation [microform] / Mohammad Farooque ; prepared for National Aeronautics and Space Administration, Lewis Research Center under contract DEN 3-201 for U.S. Department of Energy, Fossil Energy, Office of Coal Utilization and Extraction under interagency agreement DE-A121-80ET17088. — Danbury, Conn. : Energy Research Corporation, [1983]

1 v. : ill. ; 28 cm. — (NASA CR ; 168298) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final technical report." "September 1983." Includes bibliographical references. "DOE/NASA/0201-4." "N84-25169"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Electric power systems—United States. 2. Fuel cells. I. Lewis Research Center. II. United States. Office of Coal Utilization and Extraction. III. Energy Research Corporation (Danbury, Conn.) IV. Title. V. Series: NASA contractor report ; 168298. OCLC 11694479

85-13161

NAS 1.26:168347

White, J. V.

Radar data smoothing filter study [microform] / J.V. White. — Wallops Island, Va. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 168347) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "The Analytic Sciences Corporation." "June 1984"—Cover. Includes bibliographical references. "Contract no. NAS5-27425." "N84-28059"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Digital filters (Mathematics) 2. Radar in aeronautics. I. Wallops Flight Facility. II. Analytic Sciences Corporation. III. Title. IV. Series. OCLC 11673511

85-13162

NAS 1.26:170411

Schmidt, D. K.

Optimal cooperative control synthesis applied to a control-configured aircraft [microform] / D.K. Schmidt and M. Innocenti ; prepared for Ames Research Center, Dryden Flight Research Facility under grant NAG4-1. — Edwards, Calif. : The Facility, 1984.

1 v. : ill. ; 28 cm. — (NASA contractor report ; 170411) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "School of Aeronautics and Astronautics, Purdue University." "January 1984"—Cover. Includes bibliographical references. "N84-24593"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space vehicles—Control systems. 2. Flight control. I. Innocenti, M. II. Dryden Flight Research Facility. III. Purdue University. School of Aeronautics and Astronautics. IV. Title. V. Series. OCLC 11729851

85-13163

NAS 1.26:171017

Holderer, O. C.

Design and construction of equipment items for geophysical fluid flow models [microform] : final report to George C. Marshall Space Flight Center / prepared by O.C. Holderer. — [Huntsville, Ala.?] : George C. Marshall Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 171017) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Precision Devices, Ltd." "March 29, 1984." "Contract no. NAS8-35023 (DCN 1-2-ES-26580)" "N84-25018"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Fluid dynamics (Space environment) I. George C. Marshall Space Flight Center. II. Precision Devices, Ltd. III. Title. IV. Series: NASA contractor report ; 171017. OCLC 11729829

85-13164

NAS 1.26:171023

Marquart, Edward J.

Numeric and fluid dynamic representation of tornadic double vortex thunderstorms [microform] / by Edward J. Marquart, Walter Frost and Wilson Boaz ; prepared under contract #NAS8-31718 ; J.R. Connell, principal investigator for George C. Marshall Space Flight Center, National Aeronautics and Space Administration. — [Huntsville, Ala.? : The Center, 1980]

1 v. : ill., 3 maps ; 28 cm. — (NASA-CR ; 171023) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final

## National Aeronautics and Space Administration

report." "Atmospheric Science Division, The University of Tennessee Space Institute." "May 1980." Includes bibliographical references. "N84-25217"—Microfiche header.

●Item 830-H-14 (microfiche)

1. Space vehicles—Thermodynamics. I. Frost, Walter, 1935-. II. Boaz, Wilson J. III. Connell, J. R. IV. George C. Marshall Space Flight Center. V. University of Tennessee (System). Space Institute. Atmospheric Science Division. VI. Title. VII. Series: NASA contractor report ; 171023. OCLC 11729905

85-13165

NAS 1.26:171025

PDSS/IMC qualification test, user's manual [microform] / prepared for National Aeronautics and Space Administration, George C. Marshall Space Flight Center ; prepared by Intermetrics, Inc. — Huntsville, Ala. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 171025) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Prepared ... under NASA contract NAS8-33825"—1st prelim. p. "March 1, 1984." "N84-25334"—Microfiche header. "IR-AL-020." ●Item 830-H-14 (microfiche)

1. Space flight—Data processing. 2. Aerodynamic load—Data processing. I. George C. Marshall Space Flight Center. II. Intermetrics, Inc. III. Title: P.D.S.S./I.M.C. qualification test user's manual. IV. Series: NASA contractor report ; 171025. OCLC 11729837

85-13166

NAS 1.26:171026

PDSS/IMC qualification test software acceptance procedures [microform] / prepared for National Aeronautics and Space Administration, George C. Marshall Space Flight Center ; prepared by Intermetrics, Inc. — Huntsville, Ala. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 171026) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 26, 1984." "Prepared ... under NASA contract NAS8-33825"—1st prelim. p. "N84-25335"—Microfiche header. "IR-AL-026." ●Item 830-H-14 (microfiche)

1. Space flight—Data processing. 2. Aerodynamic load—Data processing. I. George C. Marshall Space Flight Center. II. Intermetrics, Inc. III. Title: P.D.S.S./I.M.C. qualification test software acceptance procedures. IV. Series: NASA contractor report ; 171026. OCLC 11729797

85-13167

NAS 1.26:171027

Water impact test of aft skirt end ring, and mid ring segments of the space shuttle solid rocket booster [microform] / prepared by Structures and Mechanics Department, Chrysler Corporation, Electronics Products Division, Engineering Office, Michoud Assembly Facility for National Aeronautics and Space Administration, George C. Marshall Space Flight Center. — Huntsville, Ala. : The Center, [1983]

1 v. : ill. ; 28 cm. — (Technical note ; TN-SM-83-13) (NASA-CR ; 171027) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "September 1983." "Test report for MSEC test #83-3." Includes bibliographical references. "Contract NAS8-35017." "N84-25752"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Rocket engines—Thrust. I. Michoud Assembly Facility (Chrysler Corporation) II. George C. Marshall Space Flight Center. III. Series: Technical note (Michoud Assembly Facility (Chrysler Corporation)) ; TN-SM-83-13. IV. Series: NASA contractor report ; 171027. OCLC 11682707

85-13168

NAS 1.26:171028

Adoue, Joseph A.

Pretest plan for a quarter scale aft segment of the SRB filament wound case in the NSWC Hydroballistics Facility [microform : test #84-1] / prepared by Joseph A. Adoue. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (Technical note ; TN-SM-84-14) (NASA-CR ; 171028) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Chrysler Corporation Military-Public Electronic Systems, Michoud Engineering Office." "March 1984"—Cover. "Contract: NAS8-35017"—Cover. "N84-24699"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space flight—Testing. 2. Rockets (Aeronautics)—Launching. I. United States. National Aeronautics and Space Administration. II. Chrysler Corporation. Electronics Products Division. Michoud Engineering Office. III. Title. IV. Series: Technical note (Michoud Assembly Facility (Chrysler Corporation)) ; TN-SM-84-14. V. Series: NASA contractor report ; 171028. OCLC 11729843

85-13169

NAS 1.26:171029

Adelfang, Stanley I.

Vector wind gust model [microform] / by Stanley I. Adelfang ; prepared for National Aeronautics and Space Administration, George C. Marshall Space Flight Center. — Marshall Space Flight Center, AL : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 171029) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Final report. 02-14-79 - 04-13-84. "Computer Sciences Corporation." "April 13, 1984." Bibliography: p. 30. "N84-25222"—Microfiche header. Contract No.: NAS8-33433. ●Item 830-H-14 (microfiche)

1. Winds—Florida—Measurement. 2. Winds—California—Measurement. 3. Vector analysis. I. George C. Marshall Space Flight Center. II. Computer Sciences Corporation. III. Title. IV. Series. OCLC 11729809

85-13170

NAS 1.26:171031

Comfort, Richard H.

Plasma and magnetospheric research [microform : December 1983-February 1984] / by Richard H. Comfort and James L. Horwitz ; prepared for National Aeronautics and Space Administration, George C. Marshall Space Flight Center ; submitted by The University of Alabama in Huntsville, School of Mathematical and Natural Science. — Marshall Space Flight Center, Ala. : The Center, [1984]

1 v. ; 28 cm. — (NASA-CR ; 171031) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Quarterly progress report." "March 1984." Includes bibliographical references. "Contract NAS8-33982." "N84-25205"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Plasma dynamics. 2. Magnetosphere. I. Horwitz, James L. II. George C. Marshall Space Flight Center. III. University of Alabama in Huntsville. School of Mathematical and Natural Sciences. IV. Title. V. Series: NASA contractor report ; 171031. OCLC 11729859

85-13171

NAS 1.26:171032

Effects of chemical releases by the STS-3 orbiter on the ionosphere [microfiche] / by Jolene S. Pickett ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 171032) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Supported by NASA through contract NAS8-32807 with Marshall Space Flight Center and through grant NAG3-449 from Lewis Research Center." "Department of Physics and Astronomy, University of Iowa." "December 1983." Bibliography: p. 24-26. "N84-25204"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Plasma chemistry. 2. Rockets (Aeronautics)—Launching. I. Pickett, Jolene S. II. United States. National Aeronautics and Space Administration. III. George C. Marshall Space Flight Center. IV. Lewis Research Center. V. University of Iowa. Dept. of Physics and Astronomy. VI. Series: NASA contractor report ; 171032. OCLC 11729816

85-13172

NAS 1.26:171034

Roberts, Glyn O.

Analysis of electrophoresis performance [microform : final report] / prepared for George C. Marshall Space Flight Center ; prepared by Glyn O. Roberts. — MSFC, AL : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 171034) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Period covered: 1/27/83-4/6/84." "Roberts Associates, Incorporated." "Date: 4/6/84." "Contract: NAS8-35912." "N84-24716"—Microfiche header. "RAI-84-E-3." ●Item 830-H-14 (microfiche)

1. Electrophoresis—Data processing. 2. Fluid dynamics (Space environment) I. George C. Marshall Space Flight Center. II. Roberts Associates, Incorporated. III. Title. IV. Series: NASA contractor report ; 171034. OCLC 11729874

85-13173

NAS 1.26:171035

Henze, William.

Research in solar physics [microform : some techniques for analyzing data from the ultraviolet spectrometer and polarimeter] / by William Henze Jr. ; prepared for Space Science Laboratory, George C. Marshall Space Flight Center ; prepared by Space Systems Department, Space Programs Division, Teledyne Brown Engineering. — Marshall Space Flight Center, Ala. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 171035) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report." "April 1984." Bibliography: p. 32. "N84-25584"—Microfiche header. "SP84-MSFC-2726." "Contract no. NAS8-31908." ●Item 830-H-14 (microfiche)

1. Ultraviolet spectroscopy. 2. Polarimeter. I. George C. Marshall Space Flight Center. Space Sciences Laboratory. II. Teledyne Brown Engineering Co. Space Systems Dept. III. Title. IV. Series: NASA contractor report ; 171035. OCLC 11672315

85-13174

NAS 1.26:171038

Containerless high temperature property measurements by atomic fluorescence [microform] / prepared for Materials Processing in Space Program. — Marshall Space Flight Center, Ala. : National Aeronautics and Space Administration, George C. Marshall Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 171038) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Midwest Research Institute." "Final technical report." "May 1984." Includes bibliographical references. "N84-25481"—Microfiche header. "NASA contract no. NAS8-34383." "MRI project no. RA-314-G." ●Item 830-H-14 (microfiche)

1. Fluorescence. 2. High temperature chemistry. I. NASA Program for Materials Processing in Space. II. Midwest Research Institute (Kansas City, Mo.) III. Title. IV. Series: NASA contractor report ; 171038. OCLC 11672318

85-13175

NAS 1.26:171039

Bearing tester data compilation, analysis, and reporting and bearing math modeling [microform : final report] / prepared by Spectra Research Systems, Southeastern Operations under contract NAS8-34686 ; for the George C. Marshall Space Flight Center, National Aeronautics and Space Administration. — [Marshall Space Flight Center, Ala.?] : The Center, [1984-]

v. : ill. ; 28 cm. — (NASA-CR ; 171039) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiches ; 11 x 15 cm. "May 1984." Includes bibliographical references. "N84-25046"—Microfiche header. "SRS/SE-TR84-022." "CN60." ●Item 830-H-14 (microfiche)

1. Space shuttles. 2. Space vehicles—Propulsion systems. I. Spectra Research Systems (Firm). Southeastern Operations. II. George C. Marshall Space Flight Center. III. Series: NASA contractor report ; 171039. OCLC 11672263

85-13176

NAS 1.26:171786

LeBlanc, Adrian.

A study of stress-free living bone and its application to space flight [microform : final report, December 1983] / investigators, Adrian LeBlanc, Melvin Spira. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 171786) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Medicine and Division of Plastic Surgery, Baylor College of Medicine." Includes bibliographical references. "Contract NAS9-16442 (exhibit A)" "N84-26275"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space biology. 2. Bone—Growth. I. Spira, Melvin. II. United States. National Aeronautics and Space Administration. III. Baylor College of Medicine. Dept. of Medicine. IV. Baylor College of Medicine. Division of Plastic Surgery. V. Title. VI. Series: NASA contractor report ; 171786. OCLC 11682691

85-13177

NAS 1.26:171789

Bhagat, Pramode K.

Development of limb volume measuring system [microform] / by Pramode K. Bhagat, principal investigator ; Prasad K. Kadaba, co-investigator. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

## National Aeronautics and Space Administration

1 v. : ill. ; 28 cm. Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "University of Kentucky, Wenner-Gren Biomedical Research Laboratory, Department of Mechanical Engineering." "October 1983." Includes bibliographical references. "Project number-NAS9-15452-final report." "N84-26008"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space biology. 2. Ultrasonics in biology. I. Kadaba, Prasad K. II. United States. National Aeronautics and Space Administration. III. Wenner-Gren Biomedical Research Laboratory (University of Kentucky). Dept. of Mechanical Engineering. IV. Title. OCLC 11682713

85-13178

NAS 1.26:172250

Adams, Loyce M.

Design, development and use of the finite element machine [microform] / Loyce M. Adams and Robert G. Voigt. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172250) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "October 1983." Bibliography: p. 21-26. "N84-12777"—Microfiche header. "Contract nos. NAS1-17070, NAS1-17130." ●Item 830-H-14 (microfiche)

1. Structures, Theory of. 2. Parallel processing (Electronic computers) I. Voigt, Robert G. II. Langley Research Center. III. Institute for Computer Applications in Science and Engineering. IV. Title. V. Series. OCLC 11672297

85-13179

NAS 1.26:172251

DiPrima, Richard C.

Complex eigenvalues for the stability of couette flow [microform] / R.C. DiPrima and P. Hall. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172251) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "October 1983." Includes bibliographical references. "N84-13492"—Microfiche header. "Contract no. NAS1-17070." ●Item 830-H-14 (microfiche)

1. Eigenvalues. 2. Cylinders. I. Hall, Philip. II. Langley Research Center. III. Institute for Computer Applications in Science and Engineering. IV. Title. V. Series. OCLC 11672331

85-13180

NAS 1.26:172252

Mehrotra, Piyush.

A model for the distributed storage and processing of large arrays [microform] / Piyush Mehrotra and Terrence W. Pratt. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172252) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "October 1983." Includes bibliographical references. "N84-12742"—Microfiche header. "Contract nos. NAS1-17070, NAS1-17130." ●Item 830-H-14 (microfiche)

1. Parallel processing (Electronic computers) 2. Multi-processors. I. Pratt, Terrence W. II. Langley Research Center. III. Institute for Computer Applications in Science and Engineering. IV. Title. V. Series. OCLC 11672305

85-13181

NAS 1.26:172254

Leer, Bram van.

Multidimensional explicit difference schemes for hyperbolic conservation laws [microform] / Bram van Leer. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. ; 28 cm. — (NASA-CR ; 172254) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "November 1983." Includes bibliographical references. "N84-12778"—Microfiche header. "Contract no. NAS1-15810." ●Item 830-H-14 (microfiche)

1. Differential equations, Hyperbolic. I. Langley Research Center. II. Institute for Computer Applications in Science and Engineering. III. Title. IV. Series: NASA contractor report ; 172254. OCLC 11672325

85-13182

NAS 1.26:172256

Baker, A. J., 1936-

Progress on a generalized coordinates tensor product finite element 3DPNS algorithm for subsonic flow [microform] / A.J. Baker and J.A. Orzechowski. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172256) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Computational Mechanics Consultants, Inc." "December 1983." Includes bibliographical references. "N84-16495"—Microfiche header. "Contract NAS1-15105." ●Item 830-H-14 (microfiche)

1. Algorithms. 2. Navier-Stokes equations. I. Orzechowski, J. A. II. Langley Research Center. III. Computational Mechanics Consultants. IV. Title. V. Series. OCLC 11672277

85-13183

NAS 1.26:172257

STS-8 BET results [microform] / John T. Findlay ... [et al.]. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172257) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Analytical Mechanics Associates, Inc." "November 1983." "N84-11197"—Microfiche header. "Contract NAS1-16087." ●Item 830-H-14 (microfiche)

1. Space shuttles. 2. Space trajectories. 3. Space vehicles—Landing. I. Findlay, J. T. II. Langley Research Center. III. Analytical Mechanics Associates. IV. Series. OCLC 11672288

85-13184

NAS 1.26:172258

Love, W. D.

A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI [microform] / W.D. Love, A.L. McFarland, and J.S. Ludwick. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172258) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "The MITRE Corporation." "January 1984." Includes bibliographical references. "N84-16177"—Microfiche header.

Subject category 06. NASA Contract No.: NAS1-17138, Project No.: MTR-83W203. ●Item 830-H-14 (microfiche) S/N N84-16177 @ NTIS

1. Airplanes — Collision avoidance. 2. Air traffic control — North Atlantic Ocean. I. McFarland, A. L. II. Ludwick, J. S. III. Langley Research Center. IV. Mitre Corporation. V. Title. VI. Series. OCLC 11322201

85-13185

NAS 1.26:172262

An Interval logic for higher-level temporal reasoning [microform] / R.L. Schwartz ... [et al.]. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172262) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "SRI International." "September 1983." Bibliography: p. [49]-50. "Contract NAS1-17067." "N84-16821"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Integral equations. 2. Parallel processing (Electronic computers) 3. Computer programs. I. Schwartz, Richard L., 1954- II. Langley Research Center. III. SRI International. IV. Series. OCLC 11690699

85-13186

NAS 1.26:172264

Napolitano, M.

Three-dimensional implicit lambda methods [microform] / M. Napolitano and A. Dadone. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172264) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "October 1983." Includes bibliographical references. "Contract no. NAS1-17070." "N84-14123"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Multiphase flow — Mathematical models. 2. Fluid dynamics (Space environment) — Mathematical models. I. Dadone, A. II. Langley Research Center. III. Institute for Computer Applications in Science and Engineering. IV. Title. V. Series. OCLC 11690677

85-13187

NAS 1.26:172267

Status of research at the Institute for Computer Applications in Science and Engineering [microform : semiannual report, October 4, 1982 through March 31, 1983.] — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : 28 cm. — (NASA contractor report ; 172267) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "November 1983." Includes bibliographical references. "Contract nos. NAS1-15810, NAS1-16394, NAS1-14101, NAS1-14472, NAS1-17070, NAS1-17130." "N84-15811"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Institute for Computer Applications in Science and Engineering. 2. Programming (Electronic computers) — Research — United States. 3. Mathematics — Research — United States. I. Langley Research Center. II. Institute for Computer Applications in Science and Engineering. III. Series. OCLC 11690654

85-13188

NAS 1.26:172269

NAS 1.26:172270

Wang, S. S.

The mechanics of delamination in fiber-reinforced composite materials [microform] / by S.S. Wang and I. Choi. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983-]

v. : ill. ; 28 cm. — (NASA contractor report ; 172269, 172270) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiche ; 11 x 15 cm. "Department of Theoretical and Applied Mechanics, University of Illinois." "November 1983"—Cover. Includes bibliographical references. Contents: pt. 1. Stress singularities and solution structure — pt. 2. Delamination behavior and fracture mechanics parameters. "Grant NAG1-286"—Cover. "N84-13221"—Pt. 1, microfiche header. "N84-13222"—Pt. 2, microfiche header. ●Item 830-H-14 (microfiche)

1. Fibrous composites — Fracture. 2. Fracture mechanics — Mathematical models. I. Choi, I. II. Langley Research Center. III. University of Illinois at Urbana-Champaign. Dept. of Theoretical and Applied Mechanics. IV. Title. V. Series. OCLC 11690712

85-13189

NAS 1.26:172272

Adams, Louis R.

Hinge specification for a square-faceted tetrahedral truss [microform : final report] / Louis R. Adams. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172272) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Astro Research Corporation." "20 January 1984." Bibliography: p. 12. "Contract NAS1-16923." "N84-16586"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Tetrahedra. 2. Trusses — Mathematical models. I. Langley Research Center. II. Astro Research Corporation. III. Title. IV. Series. OCLC 11690660

85-13190

NAS 1.26:172273

Moss, William F.

Spinning mode acoustic radiation from the flight inlet [microform] / William F. Moss. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172273) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "November 1983." Bibliography: p. 22-23. "Contract nos. NAS1-16394 and NAS1-17130." "N84-15896"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Acoustic radiation pressure — Mathematical models. 2. Jet planes — Noise — Mathematical models. I. Langley Research Center. II. Institute for Computer Applications in Science and Engineering. III. Title. IV. Series. OCLC 11690649

85-13191

NAS 1.26:172274

Hariharan, S. I.

Acoustic shocks in a variable area duct containing near sonic flows [microform] / S.I. Hariharan and Harold C. Lester. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

## National Aeronautics and Space Administration

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172274) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "December 1983." Bibliography: p. 14. "Contract nos. NAS1-17070, NAS1-17130." "N84-15897"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Sound pressure—Mathematical models. 2. Shock waves—Mathematical models. I. Lester, Harold C. II. Langley Research Center. III. Institute for Computer Applications in Science and Engineering. IV. Title. V. Series. OCLC 11690670

85-13192

NAS 1.26:172275

Gatski, T. B.

Embedded cavity drag in steady and unsteady flows [microform] / T.B. Gatski and C.E. Grosch. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172275) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute for Computer Applications in Science and Engineering." "December 1983." Includes bibliographical references. "Contract no. NAS1-17130." "N84-13493"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Drag (Aerodynamics)—Mathematical models. 2. Boundary layer—Mathematical models. I. Grosch, C. E. II. Langley Research Center. III. Institute for Computer Applications in Science and Engineering. IV. Title. V. Series. OCLC 11690685

85-13193

NAS 1.26:172279

Rocheft, M. A.

Nonlinear viscoelastic characterization of structural adhesives [microform] / M.A. Rocheft and Hal F. Brinson. — Hampton, VA : National Aeronautics and Space Administration, Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172279) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Virginia Polytechnic Institute and State University"—Cover. "December 1983"—Cover. Includes bibliographical references. "Grant NAG-1-227." "N84-15268"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Adhesives. 2. Viscoelasticity. I. Brinson, H. F. II. Langley Research Center. III. Virginia Polytechnic Institute and State University. IV. Title. V. Series. OCLC 11690693

85-13194

NAS 1.26:172286

Smith, T. B. (T. Basil)

Development and evaluation of a fault-tolerant multiprocessor (FTMP) computer [microform] / by T. Basil Smith, III, Jaynarayan H. Lala. — Hampton, Va. : NASA Langley Research Center, [1984.]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172286) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "The Charles Stark Draper Laboratory, Inc." "February 1984." Includes bibliographical references. Contents: v. IV. FTMP executive summary. "N84-25366"—Microfiche header. "R-1603." "Contract NAS1-15336." ●Item 830-H-14 (microfiche)

1. Multiprocessors. 2. Fault-tolerant computing. I. Lala, Jaynarayan H. II. Langley Research Center. III. Charles Stark Draper Laboratory. IV. Title. V. Series. OCLC 11686339

Page 168

85-13195

NAS 1.26:172287

Burggraf, O. R.

Interacting boundary-layer solutions for laminar separated flow past airfoils [microform] / O.R. Burggraf. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172287) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "The Ohio State University Research Foundation." "January 1984." Includes bibliographical references. "N84-16140"—Microfiche header. "Grant NSG-1622." ●Item 830-H-14 (microfiche)

1. Aerofoils. 2. Boundary layer. 3. Laminar flow. I. Langley Research Center. II. Ohio State University. Research Foundation. III. Title. IV. Series. OCLC 11688723

85-13196

NAS 1.26:172290

White, Allan L.

An approximation formula for a class of Markov reliability models [microform] / Allan L. White. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172290) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Kentrion International, Inc., Kentron Technical Center." "January 1984." Bibliography: p. 48. "N84-16935"—Microfiche header. "Contract NAS1-16000." ●Item 830-H-14 (microfiche)

1. Markov processes—Mathematical models. I. Langley Research Center. II. Kentron Technical Center. III. Title. IV. Series. OCLC 11688726

85-13197

NAS 1.26:172311

Levison, William H. (William Henry), 1936-

The VERRUN and VERNAL software systems for steady-state visual evoked experimentation [microform] / William H. Levison, Greg L. Zacharias. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172311) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "Bolt Beranek and Newman Inc." "March 1984." "Contract NAS1-16982." "N84-26298"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Digital computer simulation. 2. Airplanes—Control systems. I. Zacharias, Greg. II. Langley Research Center. III. Bolt, Beranek, and Newman, inc. IV. Title. V. Series. OCLC 11682736

85-13198

NAS 1.26:172313

Hall, David W.

Structural sizing of a solar powered aircraft [microform] / David W. Hall and Stan A. Hall. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 172313) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Lockheed Missiles & Space Company." "April 1984." Includes bibliographical references. "Contract NAS1-16975." "N84-25702"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar energy—United States. 2. Airplanes—Motors. I. Hall, Stan A. II. Langley Research Center. III. Lockheed Missiles and Space Company. IV. Title. V. Series. OCLC 11682719

85-13199

NAS 1.26:172336

Levison, William H. (William Henry), 1936-  
F-14 modeling study [microform] / W.H. Levison and S. Baron. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]  
1 v. : ill. ; 28 cm. — (NASA contractor report ; 172336) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Bolt Beranek and Newman Inc." "May 1984." Includes bibliographical references. "Contract NAS1-16738." "N84-25701"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Flight simulators. I. Baron, S. II. Langley Research Center. III. Bolt, Beranek, and Newman, inc. IV. Title. V. Series. OCLC 11682724

85-13200

NAS 1.26:172339

Walen, D. B.  
MLS/airplane system design [microform : RF component design : final report] / D.B. Walen and B.P. Stapleton. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]  
1 v. : ill. ; 28 cm. — (NASA contractor report ; 172339) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Boeing Commercial Airplane Company." "June 1984." Includes bibliographical references. "N84-24567"—Microfiche header. "Contract NAS1-16300." ●Item 830-H-14 (microfiche)  
1. Microwave landing systems. I. Stapleton, B. P. II. Langley Research Center. III. Boeing Commercial Airplane Company. IV. Title. V. Title: M.L.S./airplane system design. VI. Series. OCLC 11323553

85-13201

NAS 1.26:172343

Ray, Ranjan.  
Advanced powder metallurgy aluminum alloys via rapid solidification technology [microform] / Ranjan Ray. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]  
1 v. : ill. ; 28 cm. — (NASA contractor report ; 172343) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Marko Materials, Inc." "May 1984." Includes bibliographical references. "Contract NAS1-17578." "N84-25794"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Aluminum alloys—Metallurgy. I. Langley Research Center. II. Marko Materials, Inc. III. Title. IV. Series. OCLC 11682687

85-13202

NAS 1.26:172375

Computer generated animation and movie production at LARC [microform : a case study] / R.L. Gates ... [et al.]. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]  
1 v. : ill. ; 28 cm. — (NASA contractor report ; 172375) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Computer Sciences Corporation." "June 1984." Includes bibliographical references. "Contract NAS1-16078." "N84-28494"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Computer animation. 2. Space stations. I. Gates, R. L. II. Langley Research Center. III. Computer Sciences Corporation. IV. Series. OCLC 11682696

85-13203

NAS 1.26:172804

Nonaerospace uses of JPL technology [microform : a report on technology transfer.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]  
1 v. : ill. ; 28 cm. — (JPL ; 400-205) (NASA-CR ; 172804) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983]. 1 microfiche ; 11 x 15 cm. "Jet Propulsion Laboratory, California Institute of Technology"—P. 1. "Sept. 1983"—P. 1. "N84-25588 thru N84-25601"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Space sciences—United States. 2. Technology transfer. I. United States. National Aeronautics and Space Administration. II. Jet Propulsion Laboratory (U.S.) III. Title: Nonaerospace uses of J.P.L. technology. IV. Series: JPL publication ; 400-205. V. Series: NASA contractor report ; 172804. OCLC 11688731

85-13204

NAS 1.26:173077

Behl, Yugal K.  
Speed-dependent collision effects on radar back-scattering from the ionosphere [microform] / Yugal K. Behl and Otto H. Theimer, principal investigator ; prepared for National Aeronautics and Space Agency. — [Washington, D.C.? : National Aeronautics and Space Administration, [1982]  
1 v. : ill. ; 28 cm. — (NASA-CR ; 173077) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1982?]. 1 microfiche ; 11 x 15 cm. "New Mexico State University." "December 1982." Bibliography: p. 50-54. "N84-12336"—Microfiche header. "Grant #NSG-7622." ●Item 830-H-14 (microfiche)  
1. Ionosphere. 2. Radar—United States—Interference. I. Theimer, Otto H. II. United States. National Aeronautics and Space Administration. III. New Mexico State University. IV. Title. V. Series: NASA contractor report ; 173077. OCLC 11686349

85-13205

NAS 1.26:173145

Development of new intercalated cathode materials for use in sodium batteries [microform.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1981?]  
1 v. : ill. ; 28 cm. — (NASA-CR ; 173145) Caption title. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]. 1 microfiche ; 11 x 15 cm. "Pennsylvania Univ"—Microfiche header. "Dec. 1981"—Microfiche header. Includes bibliographical references. "N84-16460"—Microfiche header. "NASA grant NSG 3300." ●Item 830-H-14 (microfiche)  
1. Sodium. 2. Electric batteries. 3. Cathodes. I. United States. National Aeronautics and Space Administration. II. University of Pennsylvania. III. Series: NASA contractor report ; 173145. OCLC 11686353

85-13206

NAS 1.26:173146

Chakrabarti, Supriya.  
A Study of the atmosphere and ionosphere using satellite observations of 300-1400 A airglow [microform] / prepared by Supriya Chakrabarti. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]  
1 v. : 28 cm. — (NASA-CR ; 173146) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]. 1 microfiche ; 11 x 15 cm. "Space Sciences Laboratory." "October 1983." Bibliography: p. [2] "N84-

## National Aeronautics and Space Administration

16663"—Microfiche header. "NAGW-370." ●Item 830-H-14 (microfiche)

1. Artificial satellites—Optical observations. 2. Atmosphere. 3. Ionosphere. I. United States. National Aeronautics and Space Administration. II. University of California, Berkeley. Space Sciences Laboratory. III. Title. IV. Series: NASA contractor report ; 173146. OCLC 11688739

85-13207

NAS 1.26:173147

Stoughton, John W.

Preliminary study of (2-D) digital filtering for dealeasing NOSS wind direction data [microform : final report for the period ending August 31, 1980] / by John W. Stoughton, principal investigator ; prepared for the National Aeronautics and Space Administration, Langley Research Center under research grant NAS-1-15648, task authorization no. 38 ; submitted by the Old Dominion University Research Foundation. — Hampton, Va. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173147) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "January 1984." Includes bibliographical references. "N84-16721"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Scattering (Physics) 2. Winds. I. Langley Research Center. II. Old Dominion University. Research Foundation. III. Title. IV. Series: NASA contractor report ; 173147. OCLC 11688711

85-13208

NAS 1.26:173148

Gatos, Harry C.

Crystall growth of device quality GaAs in space [microform] / submitted by Harry C. Gatos and Jacek Lagowski. — Washington, D.C. : National Aeronautics and Space Administration, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173148) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1983?]. 1 microfiche ; 11 x 15 cm. At head of title: Annual report. "Department of Materials Science and Engineering, Massachusetts Institute of Technology." "Period April 1, 1982 to March 31, 1983." "June 1983." Includes bibliographical references. "NSG 7331." "N84-17013"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Gallium compounds. 2. Integrated circuits. I. Lagowski, J. II. United States. National Aeronautics and Space Administration. III. Massachusetts Institute of Technology. Dept. of Materials Science and Engineering. IV. Title. V. Series: NASA contractor report ; 173148. OCLC 11686330

85-13209

NAS 1.26:173149

Biringen, Sedat.

Transition to turbulence in plane channel flow [microform : final report for the period ending October 31, 1983] / by Sedat Biringen, G. L. Goglia, principal investigator ; prepared for the National Aeronautics and Space Administration, Langley Research Center ; submitted by the Old Dominion University Research Foundation. — Hampton, Va. : The Center, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173149) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Mechanical Engineering and Mechanics, School of Engineering, Old Dominion University." "December 1983." Bibliography: p. 26-27. "Research grant NAG-1-228." "N84-16486"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Turbulence—Mathematical models. I. Goglia, G. L. II. Langley Research Center. III. Old Dominion University. Research Foundation. IV. Old Dominion University. Dept.

of Mechanical Engineering and Mechanics. V. Title. VI. Series: NASA contractor report ; 173149. OCLC 11694796

85-13210

NAS 1.26:173150

Lin, Robert P.

High resolution X- and gamma-ray spectroscopy of solar flares [microform : final report, February 1, 1979-October 31, 1983] / submitted by Space Sciences Laboratory, University of California ; principal investigator, Robert P. Lin ; prepared for NASA Headquarters. — Washington, D.C. : The Administration, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173150) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "January 9, 1984." Includes bibliographies. "Grant NSG-7527." "N84-17103"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar flares. 2. High resolution spectroscopy. I. University of California, Berkeley. Space Sciences Laboratory. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 173150. OCLC 11694770

85-13211

NAS 1.26:173181

Menon, P. K. A. (Padmanabhan K. A.)

Optimal symmetric flight with an intermediate vehicle model [microform] / P.K.A. Menon, H.J. Kelley, E.M. Cliff. — Hampton, Va. : NASA Langley Research Center, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173181) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Interim report." "Aerospace & Ocean Engineering Dept., Virginia Polytechnic Institute & State University." "September 1983." Includes bibliographical references. "NASA-Langley grant NAG 1-203." "N84-16167"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Trajectory optimization. 2. Vertically rising aircraft—Aerodynamics. I. Kelley, H. J. II. Cliff, E. M. III. Langley Research Center. IV. Virginia Polytechnic Institute and State University. Aerospace and Ocean Engineering Dept. V. Title. VI. Series: NASA contractor report ; 173181. OCLC 11769984

85-13212

NAS 1.26:173182

Satellite-tracking and earth dynamics research programs [microform : semiannual progress report no. 48] / prepared for National Aeronautics and Space Administration. — Washington, D.C. : The Administration, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173182) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "1 January to 30 June 1983." "Smithsonian Institution, Astrophysical Observatory." "September 1983." "Grant number NGR 09-015-002." "N84-16233"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Astronautics in earth sciences. 2. Artificial satellites—Tracking. I. United States. National Aeronautics and Space Administration. II. Smithsonian Institution, Astrophysical Observatory. III. Series: NASA contractor report ; 173182. OCLC 11694756

85-13213

NAS 1.26:173183

Khandelwal, G. S.

A study of physical processes for space radiation protection [microform : progress report for the period ending December

1983] / by G.S. Khandelwal and Y.J. Xu ; prepared for the National Aeronautics and Space Administration, Langley Research Center ; submitted by the Old Dominion University Research Foundation. — Hampton, Va. : The Center, [1984]

1 v. : ill. ; 28 cm. — (Technical report ; no. PTR-83-5) (NASA-CR ; 173183) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Department of Physics, School of Sciences and Health Professions, Old Dominion University." "January 1984." Includes bibliographical references. "Research grant NCCI-42." "N84-16954 thru N84-16957"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space ships—Shielding (Radiation)—Addresses, essays, lectures. I. Xu, Y. J. II. Langley Research Center. III. Old Dominion University. Research Foundation. IV. Old Dominion University. Dept. of Physics. V. Old Dominion University. School of Sciences and Health Professions. VI. Title. VII. Series: Technical report (Old Dominion University. School of Sciences and Health Professions. Dept. of Physics.) ; no. PTR-83-5. VIII. Series: NASA contractor report ; 173183. OCLC 11694816

85-13214

NAS 1.26:173184

Climb-dash real-time calculations [microform : report for the period 1 July 1982 to 30 June 1983 on research performed for NASA Langley Research Center] / A.R. Weston ... [et al.]. — [Hampton, Va. : Langley Research Center, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173184) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Aerospace and Ocean Engineering Department, Virginia Polytechnic Institute and State University." "July 1983." Includes bibliographical references. "Grant NAG 1-203." "N84-16115 thru N84-16118"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Airplanes—Control systems—Addresses, essays, lectures. I. Weston, A. R. II. Langley Research Center. III. Virginia Polytechnic Institute and State University. Aerospace and Ocean Engineering Dept. IV. Series: NASA contractor report ; 173184. OCLC 11694784

85-13215

NAS 1.26:173186

Spaceborne Imaging Radar Symposium (1983 : Pasadena, Calif.) Spaceborne Imaging Radar Symposium [microform : January 17-20, 1980, Jet Propulsion Laboratory.] — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, [1983]

1 v. : ill., maps ; 28 cm. — (JPL publication ; 83-11) (NASA-CR ; 173186) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "July 1, 1983." Includes bibliographies. "N84-16390 thru N84-16420"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Radar in earth sciences—Congresses. 2. Imaging systems—Congresses. I. Jet Propulsion Laboratory (U.S.) II. Title. III. Series. IV. Series: NASA contractor report ; 173186. OCLC 11694803

85-13216

NAS 1.26:173187

Navaneethan, Ramasamy.

Measurement of transmission loss characteristics using acoustic intensity techniques at the KU-FRL acoustic test facility [microform : progress report for "a research program to reduce interior noise in general aviation airplanes"] / prepared by Ramasamy Navaneethan, project manager ; Brian Quayle. — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173187) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Flight Research Laboratory, University of Kansas Center for Research, Inc." "December 1983." Includes bibliographical references. "NASA cooperative agreement NCCI-6." "N84-16942"—Microfiche header. "KU-FRL-417-22." ●Item 830-H-14 (microfiche)

1. Airplanes—Noise—Mathematical models. I. Quayle, Brian. II. United States. National Aeronautics and Space Administration. III. University of Kansas. Flight Research Laboratory. IV. Title. V. Series: NASA contractor report ; 173187. OCLC 11694791

85-13217

NAS 1.26:173188

Robinson, John P., 1939-

Segmented testing [microform] / John P. Robinson. — [Washington, D.C. : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173188) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. "Supported by NASA Langley Research Center under NAG-195"—P. [i] "Electrical and Computer Engineering, University of Iowa. Includes bibliographical references. "N84-16855"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Fault-tolerant computing. 2. Electronic instruments—United States—Testing—Mathematical models. I. Langley Research Center. II. University of Iowa. Electrical and Computer Engineering. III. Title. IV. Series: NASA contractor report ; 173188. OCLC 11694778

85-13218

NAS 1.26:173189

Whitney, D. A.

Local effects of partly-cloudy skies on solar and emitted radiations [microform : final report] / D.A. Whitney, T.J. Griffin, J.R. Foreman ; [submitted to National Aeronautics and Space Administration, Langley Research Center]. — Hampton, Va. : The Center, [1984?]

1 v. : ill., 1 map ; 28 cm. — (NASA-CR ; 173189) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Physics and Engineering Studies, Hampton Institute"—Cover. "Period covered by this report: August 1, 1980 to July 31, 1983"—Cover. Bibliography: p. 79-81. "Grant number: NAG 1-87"—Cover. "N84-16711"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar radiation—United States—Mathematical models. 2. Clouds—United States. I. Griffin, T. J. II. Foreman, J. R. III. Langley Research Center. IV. Hampton Institute. Dept. of Physics and Engineering Studies. V. Title. VI. Series: NASA contractor report ; 173189. OCLC 11694809

85-13219

NAS 1.26:173190

Solar thermal technology [microform : annual evaluation report, fiscal year 1982] / prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983-]

v. : ill. ; 28 cm. — (JPL publication ; 83-60) (NASA-CR ; 173190) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 1983." Contents: v. 1. Executive summary. "N84-16640"—Microfiche header. "DOE/JPL-1060-61." ●Item 830-H-14 (microfiche)

## National Aeronautics and Space Administration

1. Solar energy — United States. I. United States. Dept. of Energy. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Series. V. Series: NASA contractor report ; 173190. OCLC 11694760

85-13220

NAS 1.26:173192

Planetary geometry handbook [microform] / Andrey B. Sergeyevsky ... [et al.]. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1983].

v. : ill. ; 28 cm. — (JPL publication ; 82-44, volume II) (NASA CR ; 173192) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. Description based on vol. 2. "October 1, 1983." Includes bibliographical references. Contents: v. 2. Venus positional data, 1988-2020. "N84-17096"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Planets — Ephemerides. I. Sergeyevsky, Andrey B. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Series. V. Series: NASA contractor report ; 173192. OCLC 11145306

85-13221

NAS 1.26:173193-173195

Planetary geometry handbook [microform] / Andrey B. Sergeyevsky ... [et al.]. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1983].

v. : ill. ; 28 cm. — (JPL publication ; 82-44, vol. 3-5) (NASA CR ; 173193-173195) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. microfiches ; 11 x 15 cm. Description based on vol. 2. "October 1, 1983." Includes bibliographical references. Contents: v. 3. Mars positional data, 1990-2020 — v. 4. Jupiter positional data, 1985-2020 — v. 5. Saturn positional data, 1985-2020. "N84-17097 - 17099"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Planets — Ephemerides. I. Sergeyevsky, Andrey B. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Series. V. Series: NASA contractor report ; 173193-173195. OCLC 11145306

85-13222

NAS 1.26:173196

Impact experiments in viscous fluid media [microform.] — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173196) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Header title. "Semiannual status report for period ending Jan. 1984." Bibliography: p. 31-36. "N84-16745"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Raleigh waves. 2. Water waves — Mathematical models. I. United States. National Aeronautics and Space Administration. II. Series: NASA contractor report ; 173196. OCLC 11769997

85-13223

NAS 1.26:173197

Greeley, Ronald.

Martian surface properties [microform : progress report for National Aeronautics and Space Administration, grant NAGW-263] / submitted by Ronald Greeley, principal investigator. — [Washington, D.C. : National Aeronautics and Space Administration, [1983]]

1 v. ; 28 cm. — (NASA-CR ; 173197) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Covering the period through December 1983." "Department of Geology, Arizona State University." "N84-17091"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Mars (Planet) — Surface. I. United States. National Aeronautics and Space Administration. II. Arizona State University. Dept. of Geology. III. Title. IV. Series: NASA contractor report ; 173197. OCLC 11769959

85-13224

NAS 1.26:173198

The Infrared spectral analysis of CF<sub>2</sub>Cl<sub>2</sub> [microform.] — Washington, D.C. : National Aeronautics and Space Administration, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173198) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Final report. "The Ohio State University, ElectroScience Laboratory, Department of Electrical Engineering." "February 1984." Includes bibliographical references. "N84-16985"—Microfiche header. Grant No.: NSGW-31. ●Item 830-H-14 (microfiche)

1. Fluorocarbons — Analysis. 2. Spectrum analysis. 3. Spectrum, Infra-red. I. United States. National Aeronautics and Space Administration. II. Ohio State University. ElectroScience Laboratory. III. Series: NASA contractor report ; 173198. OCLC 11769952

85-13225

NAS 1.26:173199

Harger, Robert O.

A novel algorithm for sea surface height estimation using complex SAR data [microform : final report] / Robert O. Harger. — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173199) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Period: July 1, 1982 to December 31, 1983." "Electrical Engineering Department, University of Maryland." Includes bibliographical references. "NASA grant NAGW-387." "N84-16872 thru N84-16875"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Ocean waves — Mathematical models. 2. Water waves — Mathematical models. I. United States. National Aeronautics and Space Administration. II. University of Maryland, College Park. Electrical Engineering Dept. III. Title. IV. Series: NASA contractor report ; 173199. OCLC 11769999

85-13226

NAS 1.26:173200

Glackin, David L.

Application of image processing technology to problems in manuscript encapsulation [microform : final report] / D.L. Glackin, E.P. Korsmo ; prepared for Los Angeles County Museum of Art through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-75) (NASA-CR ; 173200) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "September 15, 1983." "N84-16528"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Image processing. 2. Manuscripts — California — Los Angeles — Conservation and restoration. I. Korsmo, E. P. II. Los Angeles County Museum of Art. III. United States. National Aeronautics and Space Administration. IV. Jet

Propulsion Laboratory (U.S.) V. Title. VI. Series. VII. Series: NASA contractor report ; 173200. OCLC 11769970

85-13227

NAS 1.26:173201

Rice, Robert F.

The development of efficient coding for an electronic mail system [microform] / Robert F. Rice. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-64) (NASA-CR ; 173201) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 15, 1983." Includes bibliographical references. "N84-16429"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Electronic mail systems. 2. Coding theory. I. Jet Propulsion Laboratory (U.S.) II. Title. III. Series. IV. Series: NASA contractor report ; 173201. OCLC 11769978

85-13228

NAS 1.26:173202

Jordan, Thomas M.

Radiation protection for manned space activities [microform] / Thomas M. Jordan. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-26) (NASA-CR ; 173202) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "March 1983." Includes bibliographical references. "N84-16791"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Radiation—Safety measures. 2. Manned space flight. I. Jet Propulsion Laboratory (U.S.) II. Title. III. Series. IV. Series: NASA contractor report ; 173202. OCLC 11765993

85-13229

NAS 1.26:173203

Solar parabolic dish annual technology evaluation report, fiscal year 1982 [microform] / prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-73) (NASA-CR ; 173203) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "September 15, 1983." "N84-16644"—Microfiche header. "DOE/JPL-1060-63." "5 105-126." "Distribution category UC-62." ●Item 830-H-14 (microfiche)

1. Solar energy—United States. I. United States. Dept. of Energy. II. Jet Propulsion Laboratory (U.S.) III. Series. IV. Series: NASA contractor report ; 173203. OCLC 11765982

85-13230

NAS 1.26:173207

Manthani, Sridhar R.

Error latency estimation using functional fault modeling [microform] / by Sridhar R. Manthani, Nirmal R. Saxena, John P. Robinson ; prepared for Langley Research Center under NAG-195. — Iowa City, Iowa : Electrical and Computer Engineering, The University of Iowa, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173207) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "August 1983." Includes bibliographical references. "N84-16856"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Fault-tolerant computing. I. Saxena, Nirmal R. II. Robinson, John P., 1939- III. Langley Research Center. IV. University of Iowa. Electrical and Computer Engineering. V. Title. VI. Series: NASA contractor report ; 173207. OCLC 11766004

85-13231

NAS 1.26:173208

Grant, William B.

Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere [microform] / William B. Grant, Bruce L. Gary, Michael S. Shumate ; prepared for California Air Resources Board through an agreement with National Aeronautics and Space Administration ; by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; no. 83-80) (NASA-CR ; 173208) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "August 22, 1983." Includes bibliographical references. "N84-16704"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Air—Pollution—Remote sensing. 2. Air—Pollution—California—Los Angeles Region. 3. Troposphere—Remote sensing. I. Gary, Bruce L. II. Shumate, Michael S. III. California. Air Resources Board. IV. Jet Propulsion Laboratory (U.S.) V. Title. VI. Series: JPL publication ; 83-80. VII. Series: NASA contractor report ; 173208. OCLC 11765954

85-13232

NAS 1.26:173209

Thompson, T. W.

A user's manual for the NASA/JPL synthetic aperture radar and the NASA/JPL L- and C-band scatterometers [microform] / T.W. Thompson. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-38) (NASA-CR ; 173209) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 1, 1983." "N84-16428"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Radar—United States—Handbooks, manuals, etc. 2. Remote sensing—United States. I. Jet Propulsion Laboratory (U.S.) II. Title. III. Series. IV. Series: NASA contractor report ; 173209. OCLC 11765992

85-13233

NAS 1.26:173210

Global change [microform : a biogeochemical perspective.] — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-51) (NASA-CR ; 173210) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 15, 1983." "N 84-16656"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Biogeochemical cycles. I. Jet Propulsion Laboratory (U.S.) II. Series. III. Series: NASA contractor report ; 173210. OCLC 11765977

# National Aeronautics and Space Administration

85-13234

NAS 1.26:173211

Evaluation of thermal data for geologic applications [microform] / Anne B. Kahle ... [et al.]. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1982]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-56) (NASA-CR ; 173211) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "December 1982." Bibliography: p. 104-106. "N84-16703"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Remote sensing—United States. 2. Infra-red horizon sensors. 3. Geology—Research—United States. I. Kahle, Anne B. II. Jet Propulsion Laboratory (U.S.) III. Series. IV. Series: NASA contractor report ; 173211. OCLC 11765947

85-13235

NAS 1.26:173212

Wilcox, R. E. (Reed Emil), 1956-

ECUT, energy conversion and utilization technologies program [microform] : chemical processes project annual report, FY 1982 / compiled by R.E. Wilcox / prepared by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-58) (NASA-CR ; 173212) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Sponsored by Energy Conversion and Utilization Technologies Division, Office of Energy Systems Research, U.S. Department of Energy through an agreement with National Aeronautics and Space Administration." "July 1, 1983." Includes bibliographies. "N84-16642"—Microfiche header. "DOE/CS-66001-1." ●Item 830-H-14 (microfiche)

1. Chemical processes. I. Jet Propulsion Laboratory (U.S.) II. Title. III. Series. IV. Series: NASA contractor report ; 173212. OCLC 11765964

85-13236

NAS 1.26:173213

Research on the use of space resources [microform] / William F. Carroll, editor. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-36) (NASA-CR ; 173213) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 4 microfiches ; 11 x 15 cm. "March 1, 1983." Bibliography: p. 9-40. "N84-16227"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space environment. 2. Interstellar matter. I. Carroll, William F. II. Jet Propulsion Laboratory (U.S.) III. Series. IV. Series: NASA contractor report ; 173213. OCLC 11765969

85-13237

NAS 1.26:173214

Anderson, N. P. (Neal P.)

Program for development of strain tolerant thermal barrier coating systems [microform] : informal report, task IV coating property evaluation, 30 January 1984 / prepared for National Aeronautics and Space Administration, Lewis Research Center under contract NAS3-22548 ; prepared by N.P. Anderson. — East Hartford, Conn. : United Technologies, Pratt & Whitney, Engineering Division, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173214) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "30 January 1984." "N84-16337"—Microfiche header. "PWA-5777-30." ●Item 830-H-14 (microfiche)

1. Coatings—Thermal properties. I. Lewis Research Center. II. Pratt & Whitney Aircraft Group. Engineering

Division. III. Title. IV. Series: NASA contractor report ; 173214. OCLC 11766011

85-13238

NAS 1.26:173437

Schuster, P. R.

A durability study of pericardial bioprostheses [microform] : ultrasonic and optical evaluation of surgical implant materials and devices / P.R. Schuster ; prepared for National Aeronautics and Space Administration, Langley Research Center. — Hampton, VA : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173437) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Materials Science and Engineering Department, The Johns Hopkins University." "May 1984." "Technical report." Includes bibliographical references. "NASA grant NAG 1-211." "N84-26274"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space medicine. 2. Ultrasonics in medicine. I. Langley Research Center. II. Johns Hopkins University. Materials Science and Engineering Dept. III. Title. IV. Series: NASA contractor report ; 173437. OCLC 11682732

85-13239

NAS 1.26:173438

The Embedded operating system project [microform] : mid-year report, May 1984 / principal investigator, Roy H. Campbell ... [et al.]. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 173438) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Software Systems Research Group, University of Illinois at Urbana-Champaign, Department of Computer Science." Includes bibliographical references. "NASA grant NSG 1471." "N84-26319"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Embeddings (Mathematics) 2. Aeronautics—Data processing. I. Campbell, Roy Harold. II. United States. National Aeronautics and Space Administration. III. University of Illinois at Urbana-Champaign. Software Systems Research Group. IV. Series: NASA contractor report ; 173438. OCLC 11682702

85-13240

NAS 1.26:173445

Wood, Sidney Allen.

Identification of aerosol composition from multi-wavelength lidar measurements [microform] / by Sidney Allen Wood ; prepared for the National Aeronautics and Space Administration, Langley Research Center under research grant NCCI-28 ; submitted by the Old Dominion University Research Foundation. — Hampton, Va. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173445) (Technical report ; no. GSTR-84-4) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Department of Geophysical Sciences, School of Sciences and Health Professions, Old Dominion University." "April 1984." Bibliography: p. 98-103. "N84-28266"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Aerosols—Composition. 2. Optical radar. I. Langley Research Center. II. Old Dominion University. Research Foundation. III. Old Dominion University. Dept. of Geophysical Sciences. IV. Title. V. Series: NASA contractor report ; 173445. VI. Series: Technical report (Old Dominion University. Dept. of Geophysical Sciences) ; no. GSTR-84-4. OCLC 11736420

85-13241

NAS 1.26:173448

Mielke, Roland R.

Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers [microform] / by Roland R. Mielke, principal investigator; Leonard J. Tung, co-principal investigator and Preston I. Caraway; prepared for the National Aeronautics and Space Administration, Langley Research Center under research grant NSG-1650; submitted by the Old Dominion University Research Foundation. — Hampton, Va.: The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173448) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Progress report for the period October 1, 1982 to April 15, 1984." "Department of Electrical Engineering, School of Engineering, Old Dominion University." "May 1984." Includes bibliographical references. "N84-28537"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Feedback control systems — Mathematical models. I. Tung, Leonard J. II. Caraway, Preston I. III. Langley Research Center. IV. Old Dominion University. Research Foundation. V. Old Dominion University. Dept. of Electrical Engineering. VI. Title. VII. Series: NASA contractor report ; 173448. OCLC 11736543

85-13242

NAS 1.26:173488

Klemas, V.

Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies [microform] / principal investigator, V. Klemas. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. ; 28 cm. "Quarterly status and technical progress report." "Period covered: January 1 to March 31, 1984." "College of Marine Studies, University of Delaware." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "Contract number: NAS 5-27580." "N84-23978"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Coastal engineering — United States. 2. Radioactivation analysis. I. United States. National Aeronautics and Space Administration. II. University of Delaware. College of Marine Studies. III. Title. OCLC 11682829

85-13243

NAS 1.26:173491

Hargraves, Robert B.

Magnetic properties of Martian surface material [microform] / submitted by Robert B. Hargraves. — Princeton, N.J. : Dept. of Geological and Geophysical Sciences, Princeton University, [1983?]

1 v. ; 28 cm. — (NASA-CR ; 173491) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. At head of title: Final technical report for NAGW-372. "Period of grant: September 16, 1982-September 15, 1983." Includes bibliographical references. "N84-25566"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Mars (Planet) — Geology. I. Princeton University. Dept. of Geological and Geophysical Sciences. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 173491. OCLC 11686069

85-13244

NAS 1.26:173514

Deutsch, Steven.

The boundary layer on compressor cascade blades [microform] / submitted by Steven Deutsch and William C. Zierke. — State College, PA : Applied Research Laboratory, The Pennsylvania State University, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173514) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. At head of title: Semi-annual progress report, 1 December 1983 to 1 June 1984 to National Aeronautics and Space Administration on NASA grant NSG-3264. Includes bibliographical references. "N84-25001"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Boundary layer control. 2. Cascades (Fluid dynamics) 3. Reynolds number. I. Zierke, William C. II. Pennsylvania State University. Applied Research Laboratory. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series: NASA contractor report ; 173514. OCLC 11686064

85-13245

NAS 1.26:173515

Hebert, Louis M. (Louis Michael)

Millimeter wave transmission systems and related devices [microform] / by Louis M. Hebert; prepared for NASA-Lewis Research Center grant no. NAG3-288. — Cleveland, Ohio : Dept. of Electrical Engineering and Applied Physics, Case Western Reserve University, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173515) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Final technical report." "July 1983." Includes bibliographical references. "N84-24918"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Electric lines — United States. 2. Microwave transmission lines. I. Lewis Research Center. II. Case Western Reserve University. Dept. of Electrical Engineering and Applied Physics. III. Title. IV. Series: NASA contractor report ; 173515. OCLC 11686075

85-13246

NAS 1.26:173517

Materials Processing in Space Workshop (1982 : Redondo Beach, Calif.)

Materials Processing in Space Workshop minutes, October 27-28, 1982 [microform.] — Redondo Beach, Calif. : TRW, [1982]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173517) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Part of the Space Station Needs, Attributes and Architectural Options study that TRW is performing for NASA." "N84-24601"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Materials Processing in Space Workshop (1982 : Redondo Beach, Calif.) 2. Space stations — Industrial applications. I. TRW Defense and Space Systems Group. II. United States. National Aeronautics and Space Administration. III. Series: NASA contractor report ; 173517. OCLC 11686034

85-13247

NAS 1.26:173529

National Research Council (U.S.). Aeronautics and Space Engineering Board.

Summary of activities, January 1 - March 31, 1984, Aeronautics and Space Engineering Board, Commission on Engineering and Technical Systems [microform : report to the National Aeronautics and Space Administration under con-

## National Aeronautics and Space Administration

tract NASW-3455 between the National Aeronautics and Space Administration and the National Academy of Sciences.] — [Washington, D.C.? : The Administration, [1984]

1 v. ; 28 cm. — (NASA-CR ; 173529) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 1984." "N84-24600"—Microfiche header. ●Item 830-H-14 (microfiche)

I. National Research Council (U.S.). Aeronautics and Space Engineering Board. I. United States. National Aeronautics and Space Administration. II. National Academy of Sciences (U.S.) III. Title. IV. Series: NASA contractor report ; 173529. OCLC 11686036

85-13248

NAS 1.26:173536

Space station needs attributes and architectural options [microform : briefing material mid-term review] / prepared for The National Aeronautics and Space Administration (NASA) and the Department of Defense (DOD) ; prepared by Martin Marietta Aerospace, Denver Aerospace, Space and Electronics Systems Division. — Denver, CO : The Division, [1982]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173536) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "November 1982." "N84-24692"—Microfiche header. "SOC-SE-02-01." "Contract NASW-3686." ●Item 830-H-14 (microfiche)

I. Space stations. I. United States. National Aeronautics and Space Administration. II. United States. Dept. of Defense. III. Martin Marietta Denver Aerospace. Space and Electronics Systems Division. IV. Series: NASA contractor report ; 173536. OCLC 11686045

85-13249

NAS 1.26:173537

Phelps, Harriette L.

A research program in determination of heavy metals in sediments and benthic species in relation to nuclear power plant operation [microform] / principal investigator, Harriette L. Phelps. — Washington, D.C. : University of the District of Columbia, [1982?]

1 v. ; 28 cm. — (NASA-CR ; 173537) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final technical report, 1974-1982, NASA grant NGR09-050-019." "N84-25195"—Microfiche header. ●Item 830-H-14 (microfiche)

I. Atomic power-plants — Environmental aspects — United States. 2. Heavy metals. I. University of the District of Columbia. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 173537. OCLC 11686056

85-13250

NAS 1.26:173538

Dayhoff, Margaret O.

Investigation of compounds essential for the origin of life [microform] / principal investigators, Margaret O. Dayhoff, Lois T. Hunt. — Washington, D.C. : National Biomedical Research Foundation, Georgetown University Medical Center, [1983?]

1 v. ; 28 cm. — (NASA-CR ; 173538) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. At head of title: Final report for NASA contract NASW 3317. "Covering the period 9/1/79 to 12/31/83." "N84-25272"—Microfiche header. ●Item 830-H-14 (microfiche)

I. Life — Origin. I. Hunt, Lois T. II. National Biomedical Research Foundation. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series: NASA contractor report ; 173538. OCLC 11686043

85-13251

NAS 1.26:173539

Publications of the Jet Propulsion Laboratory, 1982 [microform.] — [Washington, D.C.? : National Aeronautics and Space Administration, [1983]

1 v. : 28 cm. — (JPL bibliography ; 39-24) (NASA-CR ; 173539) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Jet Propulsion Laboratory, California Institute of Technology." "September 15, 1983." "N84-25510"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Jet Propulsion Laboratory (U.S.) 2. Jet propulsion — Bibliography. 3. Aeronautics — United States — Bibliography. I. United States. National Aeronautics and Space Administration. II. Jet Propulsion Laboratory (U.S.) III. Series. IV. Series: NASA contractor report ; 173539. OCLC 11673336

85-13252

NAS 1.26:173540

Cohen, David, 1949-

Residual stresses in cross-ply composite tubes [microform] / David Cohen, M.W. Hyer. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173540) (Interim report ; 42) (CCMS ; 84-04) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "College of Engineering, Virginia Polytechnic Institute and State University, Department of Engineering Science & Mechanics." "June, 1984." Includes bibliographical references. "NASA cooperative agreement NAG-1-343." "N84-25768"—Microfiche header. "VPI-E-84-16." ●Item 830-H-14 (microfiche)

1. Residual stresses. 2. Tubes — Aerodynamics. I. Hyer, M. W. II. United States. National Aeronautics and Space Administration. III. Virginia Polytechnic Institute and State University. Engineering Science and Mechanics Dept. IV. Title. V. Series: NASA contractor report ; 173540. VI. Series: Interim report (NASA-Virginia Tech. Composites Program) ; 42. VII. Series: CCMS report ; no. 84-04. OCLC 11736402

85-13253

NAS 1.26:173547

Manned geosynchronous mission requirements and systems analysis study extension [microform : quarterly review.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1981]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173547) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. Header title. "Feb. 1981"—Microfiche header. "N84-24700"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space vehicles. I. United States. National Aeronautics and Space Administration. II. Series: NASA contractor report ; 173547. OCLC 11673318

85-13254

NAS 1.26:173548

Gupta, Inder J.

Adaptive arrays for satellite communications [microform] / Inder J. Gupta, Aharon A. Ksenki. — Cleveland, Ohio : National Aeronautics and Space Administration, Lewis Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173548) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Final. "The Ohio State University, ElectroScience Laboratory, Department of Electrical Engineering." "June 1984." Includes

bibliographical references. "N84-24924"—Microfiche header. National Aeronautics and Space Administration, Lewis Research Center Grant No.: NAG3-536, Project No.: ESL 716111-1. ●Item 830-H-14 (microfiche)

1. Artificial satellites in telecommunication. 2. Earth stations (Satellite telecommunication) I. Ksienki, Aharon A. II. Lewis Research Center. III. Ohio State University. ElectroScience Laboratory. IV. Title. V. Series: NASA contractor report ; 173548. OCLC 11673367

85-13255

NAS 1.26:173549

Regan, Janice.

Anisotropic models of the upper mantle [microform] / Janice Regan and Don L. Anderson. — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173549) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "November 15, 1983." Bibliography: p. 31-36. "N84-26182"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Earth — Mantle. 2. Anisotropy. I. Anderson, Don L. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 173549. OCLC 11736504

85-13256

NAS 1.26:173550

Colaluca, Mario A.

An investigation into the injection molding of PMR-15 polyimide [microform] / submitted to the National Aeronautics and Space Administration, Lewis Research Center ; prepared by Mario A. Colaluca. — Cleveland, Ohio : The Center, 1984.

1 v. : ill. ; 28 cm. — (NASA-CR ; 173550) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. At head of title: Final report for National Aeronautics and Space Administration Research Grant no. NAG 3-129. "Department of Mechanical Engineering, Texas A&M University." Includes bibliographical references. "N84-24810"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Gums and resins, Synthetic — United States. I. Lewis Research Center. II. Texas A & M University. Dept. of Mechanical Engineering. III. Title. IV. Series: NASA contractor report ; 173550. OCLC 11673359

85-13257

NAS 1.26:173551

Costello, Daniel J., 1942-

Performance analysis of the word synchronization properties of the outer code in a TDRSS decoder [microform] / Daniel J. Costello, Jr., Shu Lin. — Greenbelt, Md. : NASA, Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173551) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Electrical Engineering, University of Notre Dame." "Department of Electrical Engineering, University of Hawaii at Manoa." "February, 1984." Includes bibliographical references. "N84-24921"—Microfiche header. "Grant number 5-234." ●Item 830-H-14 (microfiche)

1. Artificial satellites. I. Lin, Shu, 1937- II. Goddard Space Flight Center. III. University of Notre Dame. Dept. of Electrical Engineering. IV. University of Hawaii at Manoa. Dept. of Electrical Engineering. V. Title. VI. Series: NASA contractor report ; 173551. OCLC 11673305

85-13258

NAS 1.26:173552

Ercegovac, Milos Dragutin.

Dataflow computing approach in high-speed digital simulation [microform] / principal investigator Milos D. Ercegovac, co-principal investigator Walter J. Karplus. — [Cleveland, Ohio? : National Aeronautics and Space Administration-Lewis Research Center, [1982]

1 v. ; 28 cm. — (NASA-CR ; 173552) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. At head of title: Final report. "California Univ"—Microfiche header. "December 15, 1980-December 14, 1982." Bibliography: p. [3] "N84-173552"—Microfiche header. "NASA grant NAG 3-132." ●Item 830-H-14 (microfiche)

1. Digital computer simulation. I. Karplus, Walter J. II. Lewis Research Center. III. University of California, Los Angeles. IV. Title. V. Series: NASA contractor report ; 173552. OCLC 11673381

85-13259

NAS 1.26:173553

Wilcox, R. E. (Reed Emil), 1956-

Industry, university, and research institute interest in the U.S. Department of Energy ECUT Biocatalysis Research Activity [microform] / R.E. Wilcox ; prepared by Jet Propulsion Laboratory, California Institute of Technology. — [Washington, D.C. : National Aeronautics and Space Administration, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-90) (NASA-CR ; 173553) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. At head of title: ECUT, Energy Conversion and Utilization Technologies Program. "November 1, 1983." Includes bibliographical references. "N84-25167"—Microfiche header. "DOE/CS-66001-3." ●Item 830-H-14 (microfiche)

1. United States. Dept. of Energy 2. Chemical processes. 3. Biological control systems. I. Jet Propulsion Laboratory (U.S.) II. United States. Dept. of Energy. Energy Conversion and Utilization Technologies Division. III. Title. IV. Series. V. Series: NASA contractor report ; 173553. OCLC 11673346

85-13260

NAS 1.26:173554

Hertzberg, Abraham.

Basic and applied research related to the technology of space energy conversion systems, 1982-1983 [microform] / Abraham Hertzberg. — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

1 v. ; 28 cm. — (NASA-CR ; 173554) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. At head of title: Final report NASA grant #3-16. "University of Washington." Includes bibliographical references. "N84-25168"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Energy conservation — United States. 2. Space vehicles — Propulsion systems. I. United States. National Aeronautics and Space Administration. II. University of Washington. III. Title. IV. Series: NASA contractor report ; 173554. OCLC 11673330

85-13261

NAS 1.26:173555

Bundas, David J.

Flutter and forced response of mistuned rotors using standing wave analysis [microform] / David J. Bundas, John Dugundji. — [Cleveland, Ohio? : NASA Lewis Research Center, 1983]

## National Aeronautics and Space Administration

1 v. : ill. ; 28 cm. — (GT & PDL report ; no. 170) (NASA-CR ; 173555) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Massachusetts Inst. of Tech."—Microfiche header. "March 1983." Includes bibliographical references. "N84-24586"—Microfiche header. "NAG3-24"—P. 3. ●Item 830-H-14 (microfiche)

1. Cascades (Fluid dynamics) 2. Torsion. 3. Aerodynamics. I. Dugundji, John. II. Lewis Research Center. III. Massachusetts Institute of Technology. IV. Title. V. Series. VI. Series: NASA contractor report ; 173555. OCLC 11673375

85-13262

NAS 1.26:173556

Zienkiewicz, O. C.

High speed inviscid compressible flow by the finite element method [microform] / O.C. Zienkiewicz, R. Lohner & K. Morgan. — [Hampton, Va.] : NASA Langley Research Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173556) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Paper presented at the 5th MAFELAP Conference, Brunel University, 1-4 May, 1984." "Institute for Numerical Methods in Engineering"—Cover. "May 1984." Includes bibliographical references. "N84-25002"—Microfiche header. "Grant no. NAGW-478"—P. [19] ●Item 830-H-14 (microfiche)

1. Finite element method. I. Lohner, R. II. Morgan, K. (Kenneth), 1945- III. United States. National Aeronautics and Space Administration. IV. University College of Swansea. Institute for Numerical Methods in Engineering. V. Title. VI. Series: NASA contractor report ; 173556. OCLC 11673287

85-13263

NAS 1.26:173557

Lee, F. C.

Input filter compensation for switching regulators [microform : final report] / by F.C. Lee. — [Cleveland, Ohio] : National Aeronautics and Space Administration, Lewis Research Center, [1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173557) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 4 microfiches ; 11 x 15 cm. "Department of Electrical Engineering, Virginia Polytechnic Institute & State University." Includes bibliographical references. "N84-24975"—Microfiche header. "Grant no. NAG 3-220." ●Item 830-H-14 (microfiche)

1. Electric current regulators. I. Lewis Research Center. II. Virginia Polytechnic Institute and State University. College of Engineering. III. Title. IV. Series: NASA contractor report ; 173557. OCLC 11690987

85-13264

NAS 1.26:173558

Gullahorn, Gordon E.

Investigation of dynamic noise affecting geodynamics information in a tethered subsatellite [microform] / principal investigator Gordon E. Gullahorn ; prepared for National Aeronautics and Space Administration. — Greenbelt, Md. : The Administration, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173558) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Final report for the period 1 June 1983 through 31 May 1984." "Smithsonian Institution, Astrophysical Observatory." "May 1984." Bibliography: p. 35-36. "N84-24923"—Microfiche header. "NASA grant NAG5-325." ●Item 830-H-14 (microfiche)

1. Thermosphere. 2. Artificial satellites—Dynamics. I. United States. National Aeronautics and Space Administration.

tion. II. Smithsonian Astrophysical Observatory. III. Title. IV. Series: NASA contractor report ; 173558. OCLC 11691047

85-13265

NAS 1.26:173560

Kot, Richard A.

Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-through put rate transceiver [microform] / submitted to National Aeronautics and Space Administration, Lewis Research Center ; submitted by Richard A. Kot, James D. Oliver, Stephen G. Wilson. — Cleveland, Ohio : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173560) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. At head of title: Technical report. "Department of Electrical Engineering, Research Laboratories for the Engineering Sciences, School of Engineering and Applied Science, University of Virginia." "May 1984." Includes bibliographical references. "N84-24974"—Microfiche header. "Report no. UVA/528219/EE84/103." "Grant no. NAG 3-316." ●Item 830-H-14 (microfiche)

1. Integrated circuits. 2. Gallium alloys. I. Oliver, James D. II. Wilson, Stephen G., 1945- III. Lewis Research Center. IV. University of Virginia. Dept. of Electrical Engineering. V. Title. VI. Series: NASA contractor report ; 173560. OCLC 11690963

85-13266

NAS 1.26:173561

Schwartz, Richard Alan.

High resolution hard x-ray spectra of solar and cosmic sources [microform] / by Richard Alan Schwartz. — [Washington, D.C. : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173561) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Space Sciences Laboratory, University of California, Berkeley." Bibliography: p. 107-109. "N84-25587"—Microfiche header. "Supported by the grants NSF/ATM-8119543, NSG 7527, NSG 7592, NGL 05-002-017, and NSF/ATM 79-24559"—P. ii. ●Item 830-H-14 (microfiche)

1. X-ray astronomy. 2. Solar flares. 3. Crab Nebula. I. United States. National Aeronautics and Space Administration. II. University of California, Berkeley. Space Sciences Laboratory. III. Title. IV. Series: NASA contractor report ; 173561. OCLC 11690998

85-13267

NAS 1.26:173565

The Telecommunications and data acquisition progress report 42-77 [microform : January-March 1984] / E.C. Posner, editor. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173565) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "May 15, 1984." Includes bibliographical references. "N84-25889 thru N84-25905"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Aerospace telemetry—Addresses, essays, lectures. 2. Ground support systems (Astronautics)—Addresses, essays, lectures. I. Posner, Edward C. 1933- II. Jet Propulsion Laboratory (U.S.) III. Series: NASA contractor report ; 173565. OCLC 11736526

85-13268

NAS 1.26:173590

Warner, Charles.

Satellite observations of a monsoon depression [microform] / Charles Warner. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173590) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Final report to NASA under grant NAG 5-297." "Department of Environmental Sciences, University of Virginia." "May 1984." Bibliography: p. 49-54. "Grant NAG 5-297." "N84-26232"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Monsoons—United States. 2. Artificial satellites. I. United States. National Aeronautics and Space Administration. II. University of Virginia. Dept. of Environmental Sciences. III. Title. IV. Series: NASA contractor report ; 173590. OCLC 11736446

85-13269

NAS 1.26:173593

Snyder, Wesley E.

An evaluation of the directed flow graph methodology [microform] / Wesley E. Snyder, Sarah A. Rajala. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173593) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report to National Aeronautics & Space Administration." "Department of Computer and Electrical Engineering, North Carolina State University." "May 1984." "Grant NAG 1-20." "N84-26324"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Signal processing. 2. Flowgraphs. I. Rajala, Sarah A. II. United States. National Aeronautics and Space Administration. III. North Carolina State University. Dept. of Computer and Electrical Engineering. IV. Title. V. Series: NASA contractor report ; 173593. OCLC 11736479

85-13270

NAS 1.26:173594

Presentation of opportunities for the chemical industry to become involved in space experimentation [microform : final report] / prepared for National Aeronautics and Space Administration, NASA Headquarters by Edmund Young and Associates. — Washington, D.C.? : The Administration, [1984]

v. : ill. ; 28 cm. — (NASA-CR ; 173594) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiches ; 11 x 15 cm. "February 1984." Contents: pt. 1. A portion of the study to encourage and facilitate industrial investment and involvement in space. "Contract NASW-3826." "N84-25776." ●Item 830-H-14 (microfiche)

1. Chemical industry—United States. 2. Catalysts. 3. Cosmochemistry. I. United States. National Aeronautics and Space Administration. II. Edmund Young and Associates. III. Series: NASA contractor report ; 173594. OCLC 11738238

85-13271

NAS 1.26:173595

Baer, Ferdinand.

Land-surface influences on weather and climate [microform] / Ferdinand Baer, principal investigator ; Yale Mintz, co-principal investigator. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173595) Microfiche. [Washington, D.C.? : National Aeronautics and Space Admin-

istration, 1984]. 2 microfiches ; 11 x 15 cm. "Final scientific report under NASA grant no. NAS5-26." "Department of Meteorology, University of Maryland." "June 1984." Bibliography: p. 55-57. "N84-26234"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Soils and climate—United States. I. Mintz, Yale. II. United States. National Aeronautics and Space Administration. III. University of Maryland, College Park. Dept. of Meteorology. IV. Title. V. Series: NASA contractor report ; 173595. OCLC 11736469

85-13272

NAS 1.26:173596

Chaturvedi, Sushil K.

An investigation of aerodynamic characteristics of wings having vortex flow using different numerical codes [microform] / by Sushil K. Chaturvedi, principal investigator and Farhad Ghaffari ; prepared for the National Aeronautics and Space Administration, Langley Research Center under research grant NSG-1561 ; submitted by the Old Dominion University Research Foundation. — Hampton, Va. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173596) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report for the period ending March 31, 1984." "Department of Mechanical Engineering and Mechanics, School of Engineering, Old Dominion University." "April 1984." Includes bibliographical references. "N84-25639"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Airplanes—Wings. I. Ghaffari, Farhad. II. Langley Research Center. III. Old Dominion University. Research Foundation. IV. Old Dominion University. Dept. of Mechanical Engineering and Mechanics. V. Title. VI. Series: NASA contractor report ; 173596. OCLC 11736489

85-13273

NAS 1.26:173597

Strasilla, Udo.

Application of surface acoustic wave devices to radio telemetry [microform] / principal investigator Udo Strasilla. — San Jose, CA : Dept. of Elec. Engr., San Jose State Univ., [1983?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173597) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Final report covering the period: Jan 1, 1981 to Dec. 15, 1983." "Ames Research Center." Includes bibliographical references. "N84-25756"—Microfiche header. "NASA grant no. NAG 2-85." ●Item 830-H-14 (microfiche)

1. Acoustic surface wave devices. I. San Jose State University. II. Ames Research Center. III. Title. IV. Series: NASA contractor report ; 173597. OCLC 11694433

85-13274

NAS 1.26:173602

Boslough, Mark B.

A sensitive optical pyrometer for shock-temperature measurements [microform] / Mark B. Boslough and Thomas J. Ahrens. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173602) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. Includes bibliographical references. "N84-26011"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Pyrometers and pyrometry. I. Ahrens, T. J. (Thomas J.), 1936-. II. United States. National Aeronautics and Space

## National Aeronautics and Space Administration

Administration. III. Title. IV. Series: NASA contractor report ; 173602. OCLC 11735957

85-13275

NAS 1.26:173605

Abubakar, M. S.

Analysis of carbon dioxide bands near 2.2 um [microform] / M.S. Abubakar and J.H. Shaw. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173605) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-25779"—Microfiche header.

●Item 830-H-14 (microfiche)

1. Carbon dioxide. I. Shaw, J. H. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 173605. OCLC 11735946

85-13276

NAS 1.26:173607

Pai, Devdas Mizar.

Tensile fracture of ductile materials [microform] / by Devdas Mizar Pai. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173607) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Thesis (M.S.)—Arizona State University, 1984. Includes bibliographical references. "N84-25792"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Metals—Ductility. 2. Strength of materials—Testing. 3. Fracture mechanics. I. United States. National Aeronautics and Space Administration. II. Title. III. Series: NASA contractor report ; 173607. OCLC 11736319

85-13277

NAS 1.26:173610

Pai, Devdas Mizar.

Influence of soft inclusions on the strength of wrought materials [microform] / by D. Pai and M.C. Shaw. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173610) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 15, 1984." Includes bibliographical references. "N84-25791"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Metals—Inclusions. 2. Strength of materials—Testing. 3. Wrought-iron—Testing. I. Shaw, Milton Clayton, 1915-II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 173610. OCLC 11735951

85-13278

NAS 1.26:173612

Herro, Mark A.

Cut-off rate calculations for the outer channel in a concatenated coding system [microform] / Mark A. Herro, Daniel J. Costello, Jr., Laizhao Hu. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173612) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. "Department of Electrical Engineering, University of Notre Dame." "Supported in part by NASA grant NCA2-IR562-401." "Supported in part by NASA grant NAG 5-234." Includes bibliographical references. "N84-26312"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Coding theory. 2. Error-correcting codes (Information theory) I. Costello, Daniel J., 1942- II. Hu, Laizhao. III.

United States. National Aeronautics and Space Administration. IV. University of Notre Dame. Dept. of Electrical Engineering. V. Title. VI. Series: NASA contractor report ; 173612. OCLC 11690844

85-13279

NAS 1.26:173613

Deng, Huijie.

"On the undetected error probability of a concatenated coding scheme for error control" [microform] / by Huijie Deng and Daniel J. Costello, Jr. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. ; 28 cm. — (NASA-CR ; 173613) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Electrical & Computer Engineering, Illinois Institute of Technology." "June 1984." Includes bibliographical references. "Grant NAG 5-234." "N84-26313"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Coding theory. 2. Error-correcting codes (Information theory) I. Costello, Daniel J., 1942- II. United States. National Aeronautics and Space Administration. III. Illinois Institute of Technology. Dept. of Electrical & Computer Engineering. IV. Title. V. Series: NASA contractor report ; 173613. OCLC 11690869

85-13280

NAS 1.26:173616

Milkovich, Scott Milan.

Temperature dependence of elastic and strength properties of T300/5208 graphite-epoxy [microform] / Scott Milan Milkovich, Carl T. Herakovich ; prepared for Applied Materials Branch, National Aeronautics & Space Administration, Langley Research Center. — Hampton, VA : The Branch, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173616) (CCMS ; 84-03) (Interim report ; 41) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "College of Engineering, Virginia Polytechnic Institute and State University, Department of Engineering Science & Mechanics." "April, 1984." Includes bibliographical references. "NASA cooperative agreement NAG-1-343." "N84-25767"—Microfiche header. "VPI-E-83-9." ●Item 830-H-14 (microfiche)

1. Strength of materials—Testing. 2. Graphite—United States—Testing. I. Herakovich, Carl T. II. Langley Research Center. Applied Materials Branch. III. Virginia Polytechnic Institute and State University. Engineering Science and Mechanics Dept. IV. Title. V. Series: NASA contractor report ; 173616. VI. Series: CCMS report ; no. 84-03. VII. Series: Interim report (NASA-Virginia Tech. Composites Program) ; 41. OCLC 11690817

85-13281

NAS 1.26:173617

Costello, Daniel J., 1942-

"Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes" [microform] / by Daniel J. Costello, Jr., Huijie Deng, Shu Lin. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. ; 28 cm. — (NASA-CR ; 173617) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Electrical Engineering, University of Notre Dame." "Submitted as a short paper to the 18th Annual Conference on Information Sciences and Systems-January, 1984." Includes bibliographical references. "Grant NAG 2-202." "N84-26325"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Error-correcting codes (Information theory) 2. Coding theory. I. Deng, Huijie. II. Lin, Shu, 1937- III. United States. National Aeronautics and Space Administration. IV. University of Notre Dame. Dept. of Electrical Engineering. V. Title. VI. Series: NASA contractor report ; 173617. OCLC 11690857

85-13282

NAS 1.26:173619

Deng, Huijie.

"An extended d(min) = 4 RS code" [microform] / by H. Deng and Daniel J. Costello, Jr. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : 28 cm. — (NASA-CR ; 173619) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Electrical Engineering, Illinois Institute of Technology." "October, 1983." "Grant NAG 2-202." "N84-26327"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Error-correcting codes (Information theory) 2. Coding theory. I. Costello, Daniel J., 1942- II. United States. National Aeronautics and Space Administration. III. Illinois Institute of Technology. Dept. of Electrical Engineering. IV. Title. V. Series: NASA contractor report ; 173619. OCLC 11690836

85-13283

NAS 1.26:173620

Deng, Huijie.

Fast decoding of a d(min) = 6 RS code [microform] / by Huijie Deng, Daniel J. Costello, Jr. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : 28 cm. — (NASA-CR ; 173620) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Electrical Engineering, Illinois Institute of Technology." "Department of Electrical Engineering, University of Notre Dame." "December, 1983." Includes bibliographical references. "Grant NAG 2-202." "N84-26326"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Coding theory. 2. Error-correcting codes (Information theory) I. Costello, Daniel J., 1942- II. United States. National Aeronautics and Space Administration. III. Illinois Institute of Technology. Dept. of Electrical Engineering. IV. University of Notre Dame. Dept. of Electrical Engineering. V. Title. VI. Series: NASA contractor report ; 173620. OCLC 11690807

85-13284

NAS 1.26:173621

Lower mantle heterogeneity, dynamic topography and the geoid [microform] / Bradford H. Hager ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173621) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 25, 1984." Includes bibliographical references. "N84-26184"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Earth — Figure. 2. Earth — Mantle. I. Hager, Bradford H. II. United States. National Aeronautics and Space Administration. III. Series: NASA contractor report ; 173621. OCLC 11690850

85-13285

NAS 1.26:173678

Colson, W. B.

"Long range coherence in free electron lasers" [microform] : final technical report, covering period from July 1, 1978 to June 30, 1983 / principal investigator, W.B. Colson. —

[Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173678) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "University of California." Includes bibliographical references. "NAG 2-48." "N84-28066"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Lasers. 2. Lasers in aeronautics. I. United States. National Aeronautics and Space Administration. II. University of California, Santa Barbara. III. Title. IV. Series: NASA contractor report ; 173678. OCLC 11690832

85-13286

NAS 1.26:173679

Ray, S. K., 1962-

Three-dimensional measurements of fatigue crack closure [microform] / by S.K. Ray and A.F. Grandt, Jr. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173679) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. Final report. June 83-June 84. "School of Aeronautics and Astronautics ... Purdue University." "July 1984." Includes bibliographical references. Contract No.: NAG-1-321. ●Item 830-H-14 (microfiche)

1. Fracture mechanics. 2. Materials — Fatigue. 3. Polycarbonates. I. Grandt, A. F. (Alten F.), 1945- II. United States. National Aeronautics and Space Administration. III. Purdue University. School of Aeronautics and Astronautics. IV. Title. V. Series: NASA contractor report ; 173679. OCLC 11690823

85-13287

NAS 1.26:173680

Wyatt, Frank.

High precision measurements in crustal dynamic studies [microform : final report] / Frank Wyatt and Jon Berger. — Greenbelt, Md. : National Aeronautics and Space Administration, Goddard Space Flight Center, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173680) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Institute of Geophysics and Planetary Physics, University of California, San Diego." "2/80-9/83." Bibliography: p. 47-55. "NAG 05-11." "N84-28279"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Earth — Crust. I. Berger, Jon. II. Goddard Space Flight Center. III. University of California, San Diego. Institute of Geophysics and Planetary Physics. IV. Title. V. Series: NASA contractor report ; 173680. OCLC 11674578

85-13288

NAS 1.26:173681

Herakovich, Carl T.

Composite laminates with negative through-the-thickness Poisson's ratios [microform] / Carl T. Herakovich ; prepared for Applied Materials Branch, National Aeronautics and Space Administration, Langley Research Center. — Hampton, VA : The Branch, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173681) (CCMS ; 84-01) (Interim report ; 39) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "College of Engineering, Virginia Polytechnic Institute and State University, Department of Engineering Science & Mechanics." "April, 1984." Includes bibliographical references. "NASA cooperative agreement

## National Aeronautics and Space Administration

NAG-1-343." "N84-27830"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Composite materials. 2. Poisson's equation. I. Langley Research Center. Applied Materials Branch. II. Virginia Polytechnic Institute and State University. Engineering Science and Mechanics Dept. III. Title. IV. Series: NASA contractor report ; 173681. V. Series: CCMS report ; no. 84-01. VI. Series: Interim report (NASA-Virginia Tech. Composites Program) ; 39. OCLC 11674544

85-13289

NAS 1.26:173691

Space station needs, attributes and architectural option [microform : final study results : mission requirements.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173691) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April, 1983." "N84-27817"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. I. United States. National Aeronautics and Space Administration. II. Series: NASA contractor report ; 173691. OCLC 11674451

85-13290

NAS 1.26:173692

NASA space station needs, attributes, and architectural options [microform : final study report, study summary] / prepared for NASA Headquarters ; prepared by Lockheed Missiles & Space Company, Inc. — Washington, D.C. : The Headquarters, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173692) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "22 April 1983." "Contract NASW-3684." "N84-27814"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. I. United States. National Aeronautics and Space Administration. II. Lockheed Missiles and Space Company. III. Series: NASA contractor report ; 173692. OCLC 11674467

85-13291

NAS 1.26:173696

Cowls, R. S.

Space station needs, attributes, and architectural options [microform : space station program cost analysis] / prepared by R.S. Cowls, A.J. Goodwin. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173696) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "McDonnell Douglas Astronautics Company-Huntington Beach." "April 1983." "Contract no. NASW-3687." "N84-27790"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. 2. Large space structures (Astronautics) I. Goodwin, A. J. II. United States. National Aeronautics and Space Administration. III. McDonnell Douglas Astronautics Company-Huntington Beach. IV. Title. V. Series: NASA contractor report ; 173696. OCLC 11673747

85-13292

NAS 1.26:173697

Robertson, A. C., 1921-

Space station needs, attributes, and architectural options [microform : technology development] / prepared by A.C. Robertson. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173697) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "McDonnell

Douglas Astronautics Company-Huntington Beach." "April 1983." "Contract no. NASW-3687." "N84-27789"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. 2. Large space structures (Astronautics) I. United States. National Aeronautics and Space Administration. II. McDonnell Douglas Astronautics Company-Huntington Beach. III. Title. IV. Series: NASA contractor report ; 173697. OCLC 11673758

85-13293

NAS 1.26:173698

Wolbers, H. L.

Space station needs, attributes, and architectural options [microform : commercial opportunities in space] / prepared by H.L. Wolbers, Jr. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173698) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "McDonnell Douglas Astronautics Company-Huntington Beach." "April 1983." Includes bibliographical references. "Contract no. NASW-3687." "N84-27788"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. 2. Large space structures (Astronautics) I. United States. National Aeronautics and Space Administration. II. McDonnell Douglas Astronautics Company-Huntington Beach. III. Title. IV. Series: NASA contractor report ; 173698. OCLC 11673714

85-13294

NAS 1.26:173702

NAS 1.26:173700

NAS 1.26:173699

NAS 1.26:173701

Space station needs, attributes, and architectural options study [microform] / for National Aeronautics and Space Administration, Headquarters. — Washington, D.C. : National Aeronautics and Space Administration, [1983-]

v. : ill. ; 28 cm. — (NASA-CR ; 173700) (NASA-CR ; 173702) (NASA-CR ; 173701) (NASA-CR ; 173699) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiches ; 11 x 15 cm. "Boeing Aerospace Company." "April 21, 1983." "Final report." Includes bibliographical references. Contents: v. 7-1. Data book, science and applications missions — v. 7-3. Data book, technology development missions — v. 7-5A. Data book, mission analysis, part A. "Contract no. NASW-3680." "N84-27795"—Microfiche header (vol. 7-1) "N84-27796"—Microfiche header (vol. 7-1) "N84-27798"—Microfiche header (vol. 7-3) "N84-27801"—Microfiche header (vol. 7-5A) ●Item 830-H-14 (microfiche)

1. Space stations. 2. Large space structures (Astronautics) I. United States. National Aeronautics and Space Administration. II. Boeing Aerospace Company. III. Series: NASA contractor report ; 173700. IV. Series: NASA contractor report ; 173702. V. Series: NASA contractor report ; 173701. VI. Series: NASA contractor report ; 173699. OCLC 11673695

85-13295

NAS 1.26:173703

Fox, James C.

Study of robotics systems applications to the space station program [microform] / submitted to Innovative Utilization of the Space Station Program, code MFA-13, NASA Headquar-

ters ; submitted by James C. Fox, principal investigator. — Washington, DC : The Headquarters, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173703) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "KMS Fusion, Inc." "October, 1983." Bibliography: p. 105-110. "Contract NASW-3751." "N84-27819"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. 2. Robotics—United States. I. United States. National Aeronautics and Space Administration. II. KMS Fusion, Inc. III. Title. IV. Series: NASA contractor report ; 173703. OCLC 11674477

85-13296

NAS 1.26:173704

Orbiting dynamic compression laboratory [microform : final report NASW-3752, March 24, 1983–October 31, 1983] / Thomas J. Ahrens ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173704) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "California Institute of Technology." "January 13, 1984." Bibliography: p. 25. "N84-27755"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Orbiting astronomical observatories. 2. Scientific satellites. I. Ahrens, T. J. (Thomas J.), 1936– II. United States. National Aeronautics and Space Administration. III. California Institute of Technology. IV. Series: NASA contractor report ; 173704. OCLC 11673768

85-13297

NAS 1.26:173705

NAS 1.26:173706

A Study of space station needs, attributes & architectural options [microform : final report] / submitted to National Aeronautics and Space Administration ; prepared by General Dynamics Convair Division. — Washington, D.C. : National Aeronautics and Space Administration, [1983–]

v. : ill. ; 28 cm. — (NASA-CR ; 173705) (NASA-CR ; 173706) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiche ; 11 x 15 cm. "22 April 1983." Contents: v. 1. Executive summary — v. 2. Technical: Bk. 1. Mission requirements. "Contract no. NASW-3682." "Report no. GDC-ASP-83-001"—Vol. 1. "Report no. GDC-ASP-83-002"—Vol. 2. "N84-27803"—Microfiche header (vol. 1) "N84-27804"—Microfiche header (vol. 2) ●Item 830-H-14 (microfiche)

1. Space stations. 2. Large space structures (Astronautics) I. United States. National Aeronautics and Space Administration. II. General Dynamics Corporation. Convair Division. III. Series: NASA contractor report ; 173705. IV. Series: NASA contractor report ; 173706. OCLC 11673740

85-13298

NAS 1.26:173707

Space station needs, attributes and architectural options [microform : mid-term review, executive overview, 15 November 1982.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1982]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173707) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "N84-27818"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. I. United States. National Aeronautics and Space Administration. II. Series: NASA contractor report ; 173707. OCLC 11674492

85-13299

NAS 1.26:173708

Atwal, Mahabir.

Noise path identification using face-to-face and side-by-side microphone arrangements [microform] / submitted by Mahabir Atwal, Robert Bernhard, principal investigator. — Hampton, VA : NASA, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173708) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Ray W. Herrick Laboratory." "May 1984." Includes bibliographical references. "Research contract #0226-52-1288." "N84-28569"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Noise. 2. Microphone. I. Bernhard, Robert, 1952– II. United States. National Aeronautics and Space Administration. III. Ray W. Herrick Laboratories. IV. Title. V. Series: NASA contractor report ; 173708. OCLC 11674517

85-13300

NAS 1.26:173709

Thornton, Earl A. (Earl Arthur), 1936–

Finite element thermal-structural analysis of cable-stiffened space structures [microform : final report for the period ending February 1, 1984] / by Earl A. Thornton, principal investigator ; Pramote Dechaumphai and Ajay K. Pandey ; prepared for the National Aeronautics and Space Administration, Langley Research Center ; submitted by the Old Dominion Research Foundation. — Hampton, Va. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173709) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Department of Mechanical Engineering and Mechanics, School of Engineering, Old Dominion University." "April 1984." Includes bibliographical references. "Grant NAG-1-257." "N84-28108"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space frame structures. 2. Finite element method. 3. Structures, Theory of. I. Dechaumphai, Pramote. II. Pandey, Ajay K. III. Langley Research Center. IV. Old Dominion University. Research Foundation. V. Old Dominion University. Dept. of Mechanical Engineering and Mechanics. VI. Title. VII. Series: NASA contractor report ; 173709. OCLC 11674530

85-13301

NAS 1.26:173710

Space station needs, attributes, and architectural options [microform] / prepared for National Aeronautics and Space Administration, Headquarters under contract NASW-3685, Space Station Task Force by Grumman Aerospace Corporation. — Washington, D.C. : The Administration, [1983–]

v. : ill. ; 28 cm. — (NASA-CR ; 173710) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]. 1 microfiche ; 11 x 15 cm. "Final report." "20 April 1983." Contents: v. 1. Executive summary. "N84-27816"—Microfiche header. "Report no. SA-SSP-RP 007." ●Item 830-H-14 (microfiche)

1. Space stations. I. United States. National Aeronautics and Space Administration. II. Grumman Aerospace Corporation. III. Series: NASA contractor report ; 173710. OCLC 11668543

## National Aeronautics and Space Administration

85-13302

NAS 1.26:173711

Space station needs, attributes and architectural options study [microform Volume 7-5B, Data book, mission analysis, part B] / for National Aeronautics and Space Administration. — Washington, D.C. : The Administration, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173711) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 8 microfiches ; 11 x 15 cm. "Final report." "Boeing Aerospace Company." "April 21, 1983." Includes bibliographical references. "Contract NASW-3680." "N84-27802"—Microfiche header. ●Item 830-H-14 (microfiche)

I. Space stations—Design and construction. I. United States. National Aeronautics and Space Administration. II. Boeing Aerospace Company. III. Series: NASA contractor report ; 173711. OCLC 11686148

85-13303

NAS 1.26:173712

Space station needs, attributes, and architectural options [microform Volume 3, Task 1. Mission requirements : final presentation] / prepared for NASA Headquarters ; prepared by Lockheed Missiles & Space Company, Inc. — Washington, D.C. : NASA, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173712) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]. 5 microfiches ; 11 x 15 cm. "5 April 1983." "N84-27811"—Microfiche header. "LMSC-D889718." "Contract NAS3684." ●Item 830-H-14 (microfiche)

I. Space stations. I. United States. National Aeronautics and Space Administration. II. Lockheed Missiles and Space Company. III. Series: NASA contractor report ; 173712. OCLC 11668373

85-13304

NAS 1.26:173713

A Study of space station needs, attributes & architectural options [microform : final briefing, cost working group discussion session.] — [Washington, D.C.?] : National Aeronautics and Space Administration, George C. Marshall Space Flight Center, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173713) "General Dynamics, Convair Division." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "18 April 1983." "Contract no. NASW 3682." "N84-27810"—Microfiche header. ●Item 830-H-14 (microfiche)

I. Space stations. 2. Large space structures (Astronautics) I. George C. Marshall Space Flight Center. II. General Dynamics Corporation. Convair Division III. Series: NASA contractor report ; 173713. OCLC 11686276

85-13305

NAS 1.26:173715

Space station needs, attributes, and architectural options [microform Volume 4, Task 2 and 3. Mission requirements : final presentation] / prepared for NASA Headquarters ; prepared by Lockheed Missiles & Space Company, Inc. — Washington, D.C. : NASA, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173715) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]. 4 microfiches ; 11 x 15 cm. "5 April 1983." "N84-27813"—Microfiche header. "LMSC-D889718." "Contract NAS3684." ●Item 830-H-14 (microfiche)

I. Space stations. I. United States. National Aeronautics and Space Administration. II. Lockheed Missiles and Space Company. III. Series: NASA contractor report ; 173715. OCLC 11668420

Page 184

85-13306

NAS 1.26:173716

Space station needs, attributes, and architectural options [microform Attachment 1. Volume 3. Task 1. Mission requirements : final study report] / prepared for NASA Headquarters ; prepared by Lockheed Missiles & Space Company, Inc. — Washington, D.C. : The Headquarters, [1983]-

1 v. : ill. ; 28 cm. — (NASA-CR ; 173716) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]. 5 microfiches ; 11 x 15 cm. "22 April 1983." "N84-27812"—Microfiche header. "LMSC-D889718." "Contract NAS3684." ●Item 830-H-14 (microfiche)

I. Space stations. I. United States. National Aeronautics and Space Administration. II. Lockheed Missiles and Space Company. III. Series: NASA contractor report ; 173716. OCLC 11668536

85-13307

NAS 1.26:173717

Sollfrey, W.

Interference problems for nongeostationary satellites [microform] / W. Sollfrey. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. ; 28 cm. — (NASA-CR ; 173717) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "February 1984." "N84-27780"—Microfiche header. ●Item 830-H-14 (microfiche)

I. Artificial satellites. I. United States. National Aeronautics and Space Administration. II. Title. III. Series: NASA contractor report ; 173717. OCLC 11686200

85-13308

NAS 1.26:173718

Space station [microform : cost and benefits, NASA Headquarters and Centers.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173718) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983]. 1 microfiche ; 11 x 15 cm. "Rockwell International, Shuttle Integration & Satellite Systems Division." "April 7-12, 1983." "N84-27815"—Microfiche header. ●Item 830-H-14 (microfiche)

I. Space stations—Finance. I. United States. National Aeronautics and Space Administration. II. Rockwell International. Shuttle Integration & Satellite Systems Division. III. Series: NASA contractor report ; 173718. OCLC 11668497

85-13309

NAS 1.26:173719

Space station needs, attributes and architectural options study [microform Volume 7-2, Data book, commercial missions] / for National Aeronautics and Space Administration. — Washington, D.C. : The Administration, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173719) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 5 microfiches ; 11 x 15 cm. "Final report." "Boeing Aerospace Company." "April 21, 1983." Includes bibliographical references. "Contract no. NASW 3680." "N84-27797"—Microfiche header. ●Item 830-H-14 (microfiche)

I. Space stations—Design and construction. I. United States. National Aeronautics and Space Administration. II. Boeing Aerospace Company. III. Series: NASA contractor report ; 173719. OCLC 11686179

85-13310

NAS 1.26:173721

A Fundamental approach to the sticking of insect residues to aircraft wings [microform] / by N.S. Eiss, Jr. ... [et al.] ; prepared for National Aeronautics and Space Administration, STAD, NASA-Langley Research Center. — Hampton, Va. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173721) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. At head of title: Annual technical report. "Departments of Mechanical Engineering and Chemistry, Virginia Polytechnic Institute and State University." "April 1984." Bibliography: p. 10. "Grant NAG 1-300." "N84-27717"—Microfiche header.

●Item 830-H-14 (microfiche)

1. Airplanes — Wings. 2. Insects — United States — Flight. I. Eiss, N. S. II. Langley Research Center. III. Virginia Polytechnic Institute and State University. Dept. of Mechanical Engineering. IV. Virginia Polytechnic Institute and State University. Dept. of Chemistry. V. Series: NASA contractor report ; 173721. OCLC 11686229

85-13311

NAS 1.26:173722

Mickens, Ronald E., 1943-

Construction of finite difference schemes having special properties for ordinary and partial differential equations [microform] / principal investigator, Ronald E. Mickens. — Hampton, Va. : NASA Langley Research Center, [1984?]

1 v. ; 28 cm. — (NASA-CR ; 173722) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Semiannual progress report on NASA grant NAG-1-410." "Atlanta University." Bibliography: p. 4. "N84-28544"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Differential equations. 2. Differential equations, Partial. I. Langley Research Center. II. Atlanta University. III. Title. IV. Series: NASA contractor report ; 173722. OCLC 11668521

85-13312

NAS 1.26:173723

Reed, Helen L.

Six-month progress report on an analysis of wave interactions in swept-wing flows [microform] / by Helen L. Reed. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173723) "Thermosciences Division, Department of Mechanical Engineering, Stanford University." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 1984." Bibliography: p. 42-46. "NAG-1-402." "MET 37-83-N." "N84-27681"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Airplanes — Wings. I. United States. National Aeronautics and Space Administration. II. Stanford University. Thermosciences Division. III. Title. IV. Title: An analysis of wave interactions in swept-wing flows. V. Series: NASA contractor report ; 173723. OCLC 11686214

85-13313

NAS 1.26:173724

Bowyer, J. M.

The kinematic stirling engine as an energy conversion subsystem for paraboloidal dish solar thermal power plants [microform] / J.M. Bowyer ; prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration ; by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Administration, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-30) (NASA-CR ; 173724) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 15, 1984." Includes bibliographical references. "DOE/JPL-1060-73." "N84-28218"—Microfiche header.

●Item 830-H-14 (microfiche)

1. Direct energy conversion. 2. Solar power plants — United States. I. United States. Dept. of Energy. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Title. V. Series. VI. Series: NASA contractor report ; 173724. OCLC 11736337

85-13314

NAS 1.26:173725

Solar parabolic dish technology annual evaluation report [microform : fiscal year 1983] / prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-25) (NASA-CR ; 173725) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 15, 1984." Bibliography: p. 31-33. "N84-28217"—Microfiche header. "DOE/JPL-1060-70." ●Item 830-H-14 (microfiche)

1. Solar collectors. I. United States. Dept. of Energy. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Series. V. Series: NASA contractor report ; 173725. OCLC 11694693

85-13315

NAS 1.26:173726

Vivian, H. C.

Performance of the Lester battery charger in electric vehicles [microform] / H.C. Vivian, J.A. Bryant ; prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-4) (NASA CR ; 173726) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 15, 1984." Includes bibliographical references. "N84-27982"—Microfiche header. "DOE/CS-54209-13." ●Item 830-H-14 (microfiche)

1. Battery chargers. 2. Electric vehicles. I. Bryant, J. A. (James A.), 1938- II. United States. Dept. of Energy. III. United States. National Aeronautics and Space Administration. IV. Jet Propulsion Laboratory (U.S.) V. Title. VI. Series. VII. Series: NASA contractor report ; 173726. OCLC 11375184

85-13316

NAS 1.26:173727

Logan, Thomas L.

Cloud cover typing from environmental satellite imagery [microform : discriminating cloud structure with Fast Fourier Transforms] / Thomas L. Logan, James R. Huning, David L. Glackin ; prepared for U.S. Department of the Navy, Naval Environmental Prediction Research Facility through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-17) (NASA-CR ; 173727) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15

## National Aeronautics and Space Administration

cm. "January 31, 1983." Bibliography: p. 55. "N84-28296"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Clouds—United States—Photographs from space. 2. Fourier transformations. 3. Artificial satellites. I. Huning, James R. II. Glackin, David L. III. United States. Navy Dept. IV. United States. Naval Environmental Prediction Research Facility. V. United States. National Aeronautics and Space Administration. VI. Jet Propulsion Laboratory (U.S.) VII. Title. VIII. Series. IX. Series: NASA contractor report ; 173727. OCLC 11694684

85-13317

NAS 1.26:173728

Satellite Emission Range Inferred Earth Survey (SERIES) project [microform final report on research and development phase, 1979 to 1983] / L.A. Buennagel ... [et al.]. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-16) (NASA-CR ; 173728) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "March 1, 1984." Includes bibliographical references. "N84-27714"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Artificial satellites in geographical research. 2. Earth resources technology satellites. I. Buennagel, L. A. II. Jet Propulsion Laboratory (U.S.) III. Series. IV. Series: NASA contractor report ; 173728. OCLC 11353170

85-13318

NAS 1.26:173730

Kirkham, H.

Effects of voltage control in utility interactive dispersed storage and generation systems [microform] / H. Kirkham, R. Das ; prepared for Electric Energy Systems Division, U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-61) (NASA-CR ; 173730) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "March 15, 1983." Includes bibliographical references. "N84-28211"—Microfiche header. "DOE/ET-29372-3." ●Item 830-H-14 (microfiche)

1. Voltage regulators. I. Das, R. II. United States. Division of Electric Energy Systems. III. United States. National Aeronautics and Space Administration. IV. Jet Propulsion Laboratory (U.S.) V. Title. VI. Series. VII. Series: NASA contractor report ; 173730. OCLC 11694738

85-13319

NAS 1.26:173731

Nichols, Donald K.

A guideline for heavy ion radiation testing for single event upset (SEU) [microform] / Donald K. Nichols, William E. Price, Carl Malone ; prepared for U.S. Defense Nuclear Agency through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-22) (NASA-CR ; 173731) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "January 1, 1984." Bibliography: p. 15. "N84-28576"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Radiation dosimetry. 2. Ions. I. Price, William E. II. Malone, Carl. III. United States. Defense Nuclear Agency. IV. United States. National Aeronautics and Space Adminis-

tration. V. Jet Propulsion Laboratory (U.S.) VI. Title. VII. Series. VIII. Series: NASA contractor report ; 173731. OCLC 11694714

85-13320

NAS 1.26:173732

Moynihan, P. I.

Second-law efficiency of solar-thermal cavity receivers [microform] / P.I. Moynihan ; prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-97) (NASA-CR ; 173732) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "October 1, 1983." Includes bibliographical references. "N84-28223"—Microfiche header. "DOE/JPL-1060-65." ●Item 830-H-14 (microfiche)

1. Solar collectors. I. United States. Dept. of Energy. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Title. V. Series. VI. Series: NASA contractor report ; 173732. OCLC 11694707

85-13321

NAS 1.26:173733

Evaluation of the HARDMAN comparability methodology for manpower, personnel, and training [microform] / W. Zimmerman ... [et al.] ; prepared for U.S. Army Research Institute for the Behavioral and Social Sciences through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-10) (NASA-CR ; 173733) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "February 29, 1984." Includes bibliographical references. "N84-28485"—Microfiche header. ●Item 830-H-14 (microfiche)

1. United States. Army 2. United States. Army I. Zimmerman, W. (Wayne) II. U.S. Army Research Institute for the Behavioral and Social Sciences. III. United States. National Aeronautics and Space Administration. IV. Jet Propulsion Laboratory (U.S.) V. Series. VI. Series: NASA contractor report ; 173733. OCLC 11694733

85-13322

NAS 1.26:173734

Marner, W. J.

A survey of gas-side fouling measure devices [microform] / W.J. Marner, S.P. Henslee ; prepared for U.S. Department of Energy, Idaho Operations Office through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-11) (NASA-CR ; 173734) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "March 1984." Includes bibliographical references. "N84-28003"—Microfiche header. "DOE/ID-12138-3." ●Item 830-H-14 (microfiche)

1. Gas-meters. 2. Heat-transfer media. I. Henslee, S. P. II. United States. Dept. of Energy. Idaho Operations Office. III. United States. National Aeronautics and Space Administration. IV. Jet Propulsion Laboratory (U.S.) V. Title. VI. Series. VII. Series: NASA contractor report ; 173734. OCLC 11694702

85-13323

NAS 1.26:173735

Jaffe, L. D.

CONC/11, a computer program for calculating the performance of dish-type solar thermal collectors and power systems [microform] / L.D. Jaffe ; prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-9) (NASA-CR ; 173735) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "February 15, 1984." Includes bibliographical references. "N84-28212"—Microfiche header. "DOE/JPL-1060-68." ●Item 830-H-14 (microfiche)

1. Solar collectors—Computer programs. I. United States. Dept. of Energy. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Title. V. Series. VI. Series: NASA contractor report ; 173735. OCLC 11694695

85-13324

NAS 1.26:173736

Sergeyevsky, Andrey B.

Interplanetary mission design handbook [microform] / Andrey B. Sergeyevsky, Nanette H. Yin. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1983-]

v. : ill. ; 28 cm. — (JPL publication ; 82-43) (NASA-CR ; 173736) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "November 15, 1983." Includes bibliographical references. Contents: v. 1, pt. 1. Earth to Venus ballistic mission opportunities, 1991-2005. "N84-27779"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space flight. 2. Astronautics—United States. I. Yin, Nanette H. II. Jet Propulsion Laboratory (U.S.) III. Title. IV. Series. V. Series: NASA contractor report ; 173736. OCLC 11686192

85-13325

NAS 1.26:173737

Smith, J. H.

Summary of photovoltaic system performance models [microform] / J.H. Smith, L.J. Reiter ; prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-8) (NASA-CR ; 173737) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "January 15, 1984." Bibliography: p. 7-1 - 7-6. "N84-28220"—Microfiche header. "DOE/ET-20356-11." ●Item 830-H-14 (microfiche)

1. Photovoltaic power generation. I. Reiter, L. J. II. United States. Dept. of Energy. III. United States. National Aeronautics and Space Administration. IV. Jet Propulsion Laboratory (U.S.) V. Title. VI. Series. VII. Series: NASA contractor report ; 173737. OCLC 11694726

85-13326

NAS 1.26:173738

Kavaya, Michael J.

Aerosol backscatter lidar calibration and data interpretation [microform] / Michael J. Kavaya, Robert T. Menzies. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-6) (NASA-CR ; 173738) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "March 1, 1984." Bibliography: p. 57-58. "N84-28067"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Backscattering. 2. Doppler effect. I. Menzies, Robert T. II. Jet Propulsion Laboratory (U.S.) III. Title. IV. Series. V. Series: NASA contractor report ; 173738. OCLC 11736227

85-13327

NAS 1.26:173739

Rose, Elizabeth C.

Environmental, health, and safety assessment of photovoltaics [microform] / Elizabeth C. Rose ; prepared for Sandia National Laboratories, U.S. Department of Energy through an agreement with National Aeronautics and Space Administration ; by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Administration, [1983]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-88) (NASA-CR ; 173739) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "October 15, 1983." Bibliography: p. 53-56. "N84-28267"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Photovoltaic power generation—Environmental aspects—United States. I. Sandia National Laboratories. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Title. V. Series. VI. Series: NASA contractor report ; 173739. OCLC 11736358

85-13328

NAS 1.26:173740

JPL Sea Surface Temperature Workshop (2nd : 1983 : Pasadena, Calif.)

Satellite-Derived Sea Surface Temperature : Workshop-II, June 22-24, 1983, Pasadena, California [microform.] — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-5) (NASA-CR ; 173740) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "February 15, 1984." Bibliography: p. 74-76. "N84-28355"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Ocean temperature. 2. Artificial satellites. I. Jet Propulsion Laboratory (U.S.) II. Title. III. Series. IV. Series: NASA contractor report ; 173740. OCLC 11736241

85-13329

NAS 1.26:173741

Hybrid vehicle assessment [microform : phase I, petroleum savings analysis] / R. Levin, task manager ... [et al.] ; prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration ; by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-15) (NASA-CR ; 173741) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "March 1984." Bibliography: p. 8-1 - 8-2. "DOE/CS-54209-14." "N84-28682"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Electric vehicles. 2. Petroleum conservation—United States. I. Levin, R. II. United States. Dept. of Energy. III. United States. National Aeronautics and Space Administration.

## National Aeronautics and Space Administration

tration. IV. Jet Propulsion Laboratory (U.S.) V. Series. VI. Series: NASA contractor report ; 173741. OCLC 11736208

85-13330

NAS 1.26:173742

Requirements for a transformerless power conditioning system [microform] / J. Klein ... [et al.] ; prepared for Sandia National Laboratories, U.S. Department of Energy through an agreement with National Aeronautics and Space Administration ; by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Administration, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 83-82) (NASA-CR ; 173742) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "March 1984." "N84-27981"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Electric transformers. 2. Photovoltaic power generation. I. Klein, J. II. Sandia National Laboratories. III. United States. National Aeronautics and Space Administration. IV. Jet Propulsion Laboratory (U.S.) V. Series. VI. Series: NASA contractor report ; 173742. OCLC 11736368

85-13331

NAS 1.26:173743

Lutwack, Ralph.

A review of the silicon material task [microform] / R. Lutwack ; prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration ; by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. ; 28 cm. — (JPL publication ; 84-24) (NASA-CR ; 173743) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Flat-Plate Solar Array Project." "February 1, 1984." "DOE/JPL-1012-96." "N84-28210"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Silicon crystals—Electric properties. 2. Solar batteries. I. United States. Dept. of Energy. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Title. V. Series. VI. Series: NASA contractor report ; 173743. OCLC 11690878

85-13332

NAS 1.26:173744

Land mobile satellite service (LMSS) channel simulator [microform : an end-to-end hardware simulation and study of the LMSS communications links] / Ali B. Salmasi ... [et al.] — Pasadena, Calif. : National Aeronautics and Space Administration, Jet Propulsion Laboratory, California Institute of Technology, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-12) (NASA-CR ; 173744) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "May 1, 1984." Includes bibliographical references. "N84-27956"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Artificial satellites in telecommunication. I. Salmasi, Ali B. II. Jet Propulsion Laboratory (U.S.) III. Title: Land mobile satellite service (L.M.S.S.) channel simulator. IV. Series. V. Series: NASA contractor report ; 173744. OCLC 11674569

85-13333

NAS 1.26:173745

Parabolic Dish Solar Thermal Power Program Annual Review (5th : 1983 : Indian Wells, Calif.)

Proceedings, Fifth Parabolic Dish Solar Thermal Power Program Annual Review [microform : December 6-8, 1983, Indian Wells, California] / prepared for U.S. Department of

Energy through an agreement with National Aeronautics and Space Administration ; by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-13) (NASA-CR ; 173745) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 4 microfiches ; 11 x 15 cm. "March 1, 1984." Includes bibliographical references. "N84-28224 thru N84-28258"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar energy—United States—Congresses. I. United States. Dept. of Energy. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Title. V. Series. VI. Series: NASA contractor report ; 173745. OCLC 11674559

85-13334

NAS 1.26:173746

Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (1983 : Port St. Lucie, Fla.)

Proceedings of the Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (July 25, 26 and 27, 1983, at Port St. Lucie, Florida) [microform] / prepared for U.S. Department of Energy through an agreement with National Aeronautics and Space Administration by Jet Propulsion Laboratory ; California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-23) (NASA-CR ; 173746) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 8 microfiches ; 11 x 15 cm. "April 15, 1984." Includes bibliographical references. "DOE/JPL-1012-95." "N84-28614 thru N84-28648"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar batteries—Congresses. I. United States. Dept. of Energy. II. United States. National Aeronautics and Space Administration. III. Jet Propulsion Laboratory (U.S.) IV. Title. V. Series. VI. Series: NASA contractor report ; 173746. OCLC 11694507

85-13335

NAS 1.26:173747

Safety-related requirements for photovoltaic modules and arrays [microform : final report] / prepared for Jet Propulsion Laboratory by Underwriters Laboratories Inc. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173747) (JPL ; no. 9950-908) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "March 1984." "JPL contract no. 955392." "Report no. DOE/JPL 955392-2." "N84-28208"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar batteries. I. Jet Propulsion Laboratory (U.S.) II. Underwriters' Laboratories. III. Series: NASA contractor report ; 173747. IV. Series: JPL publication ; 9950-908. OCLC 11694549

85-13336

NAS 1.26:173748

Willis, P. B.

Investigation of test methods, material properties, and processes for solar cell encapsulants [microform : twenty-fifth quarterly progress report] / for Jet Propulsion Laboratory ; P.B. Willis, B. Baum ; by Springborn Laboratories, Inc. — Pasadena, Calif. : Jet Propulsion Laboratory, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173748) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "September

1983." Includes bibliographical references. "JPL contract 954527, project 6072.1." "DOE/JPL-954527-83/25." "N84-28219"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar batteries. I. Baum, B. II. Jet Propulsion Laboratory (U.S.) III. Springborn Laboratories. IV. Title. V. Series: NASA contractor report ; 173748. OCLC 11694522

85-13337

NAS 1.26:173749

Gatos, Harry C.

Crystal growth of device quality GaAs in space [microform : annual report] / to National Aeronautics and Space Administration ; submitted by Harry C. Gatos and Jacek Lagowski. — Washington, D.C. : The Administration, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173749) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Department of Materials Science and Engineering, Massachusetts Institute of Technology." "July 1984." Includes bibliographical references. "NSG 7331." "N84-28613"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Gallium compounds. 2. Cosmochemistry. I. Lagowski, J. II. United States. National Aeronautics and Space Administration. III. Massachusetts Institute of Technology. Dept. of Materials Science and Engineering. IV. Title. V. Series: NASA contractor report ; 173749. OCLC 11694536

85-13338

NAS 1.26:173752

ECUT energy conversion and utilization technologies program [microform : biocatalysis research activity, annual report, FY 1983] / prepared by Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, Calif. : The Laboratory, [1984]

1 v. : ill. ; 28 cm. — (JPL publication ; 84-27) (NASA-CR ; 173752) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 15, 1984." Bibliography: p. 19. "DOE/CS-66001-4." "N84-28207"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Direct energy conversion. I. Jet Propulsion Laboratory (U.S.) II. Title: E.C.U.T., energy conversion and utilization technologies program. III. Series. IV. Series: NASA contractor report ; 173752. OCLC 11694515

85-13339

NAS 1.26:173753

Culik, Jerry.

Process research on polycrystalline silicon material (PROPSM) [microform : quarterly report no. 8, October 1, 1982-December 31, 1982] / by Jerry Culik, John H. Wohlgemuth. — [Pasadena, Calif. : Jet Propulsion Laboratory, 1982]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173753) (JPL ; no. 9950-835) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Solarex Corporation." Includes bibliographical references. "Contract no. 955902." "DOE/JPL 955902-82/8." "N84-28214"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar batteries. 2. Silicon crystals. I. Wohlgemuth, J. (John), 1946- II. Jet Propulsion Laboratory (U.S.) III. Solarex Corporation. IV. Title. V. Series: NASA contractor report ; 173753. VI. Series: JPL publication ; 9950-835. OCLC 11694553

85-13340

NAS 1.26:173754

Culik, Jerry.

Process research in polycrystalline silicon material (PROPSM) [microform : final technical report] / by J.S.

Culik. — [Pasadena, Calif. : Jet Propulsion Laboratory, 1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173754) (JPL ; no. 9950-921) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "Solarex Corporation." Includes bibliographical references. "Contract no. 955902." "DOE/JPL-955902-83/11." "N84-28213"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar batteries. 2. Silicon crystals. I. Jet Propulsion Laboratory (U.S.) II. Solarex Corporation. III. Title. IV. Series: NASA contractor report ; 173754. V. Series: JPL publication ; 9950-921. OCLC 11694558

85-13341

NAS 1.26:173755

Willis, P. B.

Investigation of test methods, material properties, and processes for solar cell encapsulants [microform : seventh annual report, 1983] / for Jet Propulsion Laboratory ; Paul B. Willis. — Pasadena, Calif. : The Laboratory, 1983.

1 v. : ill. ; 28 cm. — (NASA-CR ; 173755) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Springborn Laboratories, Inc." "JPL Contract 954527, project 6072.1." "DOE/JPL-954527-83/24." "N84-28209"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Electronic apparatus and appliances—Plastic embedment. 2. Solar batteries. I. Jet Propulsion Laboratory (U.S.) II. Springborn Laboratories. III. Series: NASA contractor report ; 173755. OCLC 11694526

85-13342

NAS 1.26:173756

Gosele, U.

Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material [microform : annual report] / prepared by U. Gosele and D.G. Ast. — [Pasadena, Calif. : Jet Propulsion Laboratory, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173756) (JPL ; no. 9950-905) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Department of Materials Science and Engineering, Cornell University." "October 1983." Includes bibliographical references. "JPL contract number 956046, report #9." "DOE/JPL-956046-83/9." "N84-28221"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar cells. 2. Carbon. 3. Oxygen. I. Ast, D. G. II. Jet Propulsion Laboratory (U.S.) III. Cornell University. Dept. of Materials Science and Engineering. IV. Title. V. Series: NASA contractor report ; 173756. VI. Series: JPL publication ; 9950-905. OCLC 11694497

85-13343

NAS 1.26:173758

Preliminary study of a radiantly heated fluidized bed for the production of high-purity silicon [microform] / by Octave Levenspiel ... [et al.] ; prepared for Jet Propulsion Laboratory, California Institute of Technology. — Pasadena, CA : The Laboratory, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173758) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Oregon State University." "August 1983." Includes bibliographical references. "Contract no. 956133, task order no. RD-152/66." "N84-29352"—Microfiche header. ●Item 830-H-14 (microfiche)

## National Aeronautics and Space Administration

1. Fluidization. 2. Silicon. I. Levenspiel, Octave. II. Jet Propulsion Laboratory (U.S.) III. Oregon State University. IV. Series: NASA contractor report ; 173758. OCLC 11686248

85-13344

NAS 1.26:173759

Campbell, R. B.

Process research of non-CZ silicon material [microform: quarterly report no. 2, January 1, 1984 to March 31, 1984] / prepared by R.B. Campbell. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173759) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. At head of title: Flat-plate solar array project, process development area. "Advanced Energy Systems Division, Westinghouse Electric Corporation." "Contract no. 956616." "N84-29353"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Photovoltaic power generation—Equipment and supplies. I. United States. National Aeronautics and Space Administration. II. Westinghouse Electric Corporation. Advanced Energy Systems Division. III. Title. IV. Series: NASA contractor report ; 173759. OCLC 11686313

85-13345

NAS 1.26:173760

Ross, Bernd.

Development of an all-metal thick film cost effective metallization system for solar cells [microform : May 1980-January 1983, final report] / Bernd Ross, Joseph Parker. — [Washington, D.C.? : Jet Propulsion Laboratory, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173760) (JPL ; no. 9950-903) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "December 1983." Includes bibliographical references. "DOE/JPL-955688-82/10." "N84-29350"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar cells. 2. Metal spraying. I. Parker, Joseph. II. Jet Propulsion Laboratory (U.S.) III. Title. IV. Series: NASA contractor report ; 173760. V. Series: JPL publication ; 9950-903. OCLC 11729720

85-13346

NAS 1.26:173761

Lindholm, F. A., 1936-

Surface and allied studies in silicon solar cells [microform : first technical report] / by F.A. Lindholm. — [Washington, D.C.? : Jet Propulsion Laboratory, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173761) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "November 1983." Includes bibliographical references. "Contract no. 956525." "DOE/JPL-956525-83/1." "N84-29351"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar cells. I. Jet Propulsion Laboratory (U.S.) II. Title. III. Series: NASA contractor report ; 173761. OCLC 11729777

85-13347

NAS 1.26:173762

Flat-plate solar array project [microform : experimental process system development unit for producing semiconductor-grade silicon using the silane-to-silicon process.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]

1 v. : ill., forms ; 28 cm. — (NASA-CR ; 173762) (JPL ; no. 9950-837) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 4 microfiches ; 11 x 15 cm. "Final report, phase III, April 1979-December 1981." "Union Carbide Corporation." Includes bibliograph-

ical references. "DOE/JPL contract 954334." "N84-29348"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar water heaters. 2. Semiconductors. 3. Silicon. I. United States. National Aeronautics and Space Administration. II. Union Carbide Corporation. III. Series: NASA contractor report ; 173762. IV. Series: JPL publication ; 9950-837. OCLC 11729785

85-13348

NAS 1.26:173763

Dutta, S. (Subhadra)

Laser-assisted solar cell metallization processing [microform : quarterly report for the period December 13, 1983 to March 12, 1984] / S. Dutta. — [Washington, D.C.? : Jet Propulsion Laboratory, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173763) (JPL ; no. 9950-913) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Westinghouse R&D Center." "April 3, 1984." "Contract no. 956615." "DOE/JPL-956615/84/2." "N84-29355"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar cells. 2. Lasers. I. Jet Propulsion Laboratory (U.S.) II. Westinghouse Electric Corporation. Research & Development Center. III. Title. IV. Series: NASA contractor report ; 173763. V. Series: JPL publication ; 9950-913. OCLC 11729769

85-13349

NAS 1.26:173764

Dutta, S. (Subhadra)

Laser-assisted solar cell metallization processing [microform : quarterly report for the period September 13 to December 12, 1983] / S. Dutta. — [Washington, D.C.? : Jet Propulsion Laboratory, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173764) (JPL ; no. 9950-902) "Westinghouse R&D Center"—Cover. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "January 16, 1984." Includes bibliographical references. "Contract no. 956615." "DOE/JPL-956615/84/1." "N84-29354"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar cells. 2. Lasers. I. Jet Propulsion Laboratory (U.S.) II. Westinghouse Electric Corporation. Research & Development Center. III. Title. IV. Series: NASA contractor report ; 173764. V. Series: JPL publication ; 9950-902. OCLC 11729731

85-13350

NAS 1.26:173766

Synthesis of major economic studies of residential photovoltaics [microform : final report, April 30, 1984 under contract no. 956685, task 001.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. ; 28 cm. — (NASA-CR ; 173766) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Meridian Corporation." Bibliography: p. 4. "N84-29349"—Microfiche header. "DOE/JPL-956685/-01"—Cover. ●Item 830-H-14 (microfiche)

1. Photoelectric cells. I. United States. National Aeronautics and Space Administration. II. Meridian Corporation. III. Series: NASA contractor report ; 173766. OCLC 11729709

85-13351

NAS 1.26:173767

Ahrens, T. J. (Thomas J.), 1936-

Shock vaporization and the accretion of the icy satellites of Jupiter and Saturn [microform] / Thomas J. Ahrens and John

D. O'Keefe. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173767) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. Bibliography: p. [1]-2 (2nd group) "N84-29843"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Shock waves. 2. Saturn (Planet) 3. Jupiter (Planet) I. O'Keefe, John D. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 173767. OCLC 11729756

85-13352

NAS 1.26:173769

A Study of space station needs, attributes & architectural options [microform : final report] / submitted to National Aeronautics and Space Administration ; prepared by General Dynamics Convair Division. — Washington, D.C. : The Administration, [1983-]

v. : ill., forms ; 28 cm. — (NASA-CR ; 173769) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. microfiches ; 11 x 15 cm. "22 April 1983." Includes bibliographical references. Contents: v. 2. Technical book. 1. Mission requirements, appendixes 1 & 2. "Contract no. NASW-3682." "Report no. GDC-ASP-83-002." "N84-27805"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. 2. Astronautics — Research — United States. 3. Large space structures (Astronautics) I. United States. National Aeronautics and Space Administration. II. General Dynamics Corporation, Convair Division. III. Series: NASA contractor report ; 173769. OCLC 11729736

85-13353

NAS 1.26:173777

Venable, D. D.

A radiative transfer model for remote sensing of laser induced fluorescence of phytoplankton in non-homogeneous turbid water [microform : final technical report] / principal investigator, D.D. Venable ; technical monitor and cooperative investigator, L.R. Poole. — [Washington, D.C.? : National Aeronautics and Space Administration], 1983.

1 v. : ill. ; 28 cm. — (NASA-CR ; 173777) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Hampton Institute." "NASA-cooperative agreement." Includes bibliographical references. "NCCI-11." "N84-29432"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Fluorescence. 2. Phytoplankton — United States. 3. Remote sensing — United States. I. Poole, L. R. II. United States. National Aeronautics and Space Administration. III. Hampton Institute. IV. Title. V. Series: NASA contractor report ; 173777. OCLC 11729746

85-13354

NAS 1.26:173779

Spartan release engagement mechanism (REM) stress and fracture analysis [microform.] — [Huntsville, Ala. : NASA-Marshall Space Flight Center, 1984?]

1 v. : ill. ; 28 cm. — (LMSC-TR ; D 951498) (NASA-CR ; 173779) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Header title. "Performed by the Lockheed Missiles & Space Company, Inc., Huntsville Research & Engineering Center under contract NAS8-35599"—P. ii. "N84-29244"—Microfiche header. "LMSC-HREC TR D951498"—P. ii. ●Item 830-H-14 (microfiche)

1. Fracture mechanics. 2. Strains and stresses. I. George C. Marshall Space Flight Center. II. Huntsville Research & Engineering Center. III. Title: Spartan release engagement

mechanism (R.E.M.) stress and fracture analysis. IV. Series. V. Series: NASA contractor report ; 173779. OCLC 11729763

85-13355

NAS 1.26:173782

Pilot interaction with automated airborne decision making systems : semiannual progress report, March 1983-August 1983 [microform] / William B. Rouse, principal investigator ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173782) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Center for Man-Machine Systems Research, Georgia Institute of Technology." Includes bibliographies. "NASA grant NAG 2-123." "N84-29464"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Airplanes — Control systems. 2. Airplanes — Piloting. I. Rouse, William B. II. United States. National Aeronautics and Space Administration. III. Georgia Institute of Technology. Center for Man-Made Systems Research. IV. Series: NASA contractor report ; 173782 OCLC 11682779

85-13356

NAS 1.26:173783

Lead salt diode lasers and development of tunable solid state lasers for remote sensing [microform : semi-annual progress reports] / prepared for NASA under contract NAG-1-164. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173783) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Massachusetts Institute of Technology, Lincoln Laboratory." "July 1984." Includes bibliographical references. "N84-29207"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solid-state lasers. 2. Remote sensing — United States. I. United States. National Aeronautics and Space Administration. II. Lincoln Laboratory. III. Series: NASA contractor report ; 173783. OCLC 11682763

85-13357

NAS 1.26:173784

Navaneethan, Ramasamy.

General aviation aircraft interior noise problem [microform : some suggested solutions : progress report] / by Ramasamy Navaneethan ; principal investigator, Jan Roskam. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173784) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 6 microfiches ; 11 x 15 cm. "Flight Research Laboratory, University of Kansas." "July 1984." Includes bibliographical references. "NASA contract NCCI-6." "N84-29685"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Airplanes — Noise. I. Roskam, Jan, 1930- II. United States. National Aeronautics and Space Administration. III. University of Kansas. Flight Research Laboratory. IV. Title. V. Series: NASA contractor report ; 173784. OCLC 11682809

85-13358

NAS 1.26:173798

Smith, Harlan J.

[NASA-Texas planetary program] [microform.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

## National Aeronautics and Space Administration

1 v. ; 28 cm. — (NASA-CR ; 173798) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "The University of Texas at Austin, McDonald Observatory and Department of Astronomy." "Period: January 1, 1984 to June 30, 1984." "Semiannual report #21." Includes bibliographical references. "NASA grant NGR 44-012-152." "N84-29842"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Planetology. 2. Astronomical observatories—Texas. I. United States. National Aeronautics and Space Administration. II. University of Texas at Austin. Dept. of Astronomy. III. McDonald Observatory. IV. Title. V. Series: NASA contractor report ; 173798. OCLC 11682795

85-13359

NAS 1.26:173803

Lin, Shu, 1937-

Reed Solomon codes for error control in byte organized computer memory systems : final report, phase II [microform] / Shu Lin, Daniel J. Costello, Jr. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173803) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Dept. of Electrical Engineering, University of Hawaii." "Dept. of Comp. & Electrical Engineering, Illinois Institute of Technology." "July, 1984." "NASA grant NAG 2-202." "N84-29542"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Computer storage devices. I. Costello, Daniel J., 1942-. II. United States. National Aeronautics and Space Administration. III. University of Hawaii at Manoa. Dept. of Electrical Engineering. IV. Illinois Institute of Technology. Dept. of Electrical & Computer Engineering. V. Title. VI. Series: NASA contractor report ; 173803. OCLC 11682802

85-13360

NAS 1.26:173804

Utreras, Florencio I.

Two-dimensional splines [microform] / by Florencio I. Utreras. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173804) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "UCLA, School of Engineering and Applied Science"—Cover. Bibliography: p. 53-56. "Supported in part under AFOSR grant no. 83-0318 and NASA grant no. 4015." "N84-29561"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Splines. I. United States. National Aeronautics and Space Administration. II. University of California, Los Angeles. School of Engineering and Applied Science. III. Title. IV. Series: NASA contractor report ; 173804. OCLC 11682756

85-13361

NAS 1.26:173817

Schetz, Joseph A.

Real jet effects on dual jets in a crossflow [microform] / Joseph A. Schetz. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173817) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Aerospace and Ocean Engrg. Dept." "Aug. 1984." "Semi-annual report." Includes bibliographical references. "NASA NAG 2-256." "N84-29161"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Jet planes—Flight testing. I. United States. National Aeronautics and Space Administration. II. Virginia Polytechnic Institute and State University. Aerospace and Ocean

Engineering Dept. III. Title. IV. Series: NASA contractor report ; 173817. OCLC 11682749

85-13362

NAS 1.26:173821

Elchuri, V.

NASTRAN forced vibration analysis of rotating cyclic structures [microform] / by V. Elchuri, G.C.C. Smith, A. Michael Gallo. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 173821) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Bell Aerospace Textron, Niagara Frontier Operations." Includes bibliographical references. "N84-29252"—Microfiche header. ●Item 830-H-14 (microfiche)

1. NASTRAN (Computer program) 2. Vibration (Aeronautics) I. Smith, G.C.C. II. Gallo, A. Michael. III. United States. National Aeronautics and Space Administration. IV. Niagara Frontier Operations (Bell Aerospace Textron) V. Title. VI. Series: NASA contractor report ; 173821. OCLC 11682790

85-13363

NAS 1.26:174450

The Dynamics and control of large flexible space structures-VI [microform] / by Peter M. Bainum, principal investigator ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 174450) "Final report." "Howard University, School of Engineering, Department of Mechanical Engineering." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983]. 2 microfiches ; 11 x 15 cm. "September 1983." Includes bibliographical references. "NASA grant: NSG-1414, suppl. 5." "N84-10173"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations. 2. Space vehicles—Control systems—Mathematical models. I. Bainum, Peter M. II. United States. National Aeronautics and Space Administration. III. Howard University. Dept. of Mechanical Engineering. IV. Series: NASA contractor report ; 174450. OCLC 11682827

85-13364

NAS 1.26:174513

Novo, Evelyn Marcia Leao de M.

Aplicaciones de los sensores remotos a problemas hidrológicos e inundaciones [microform] / Evelyn M.L.M. Novo. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : maps ; 28 cm. — (CR ; 174613) Header title: Application of remote sensing to hydrological problems and floods. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Outubro, 1983." Bibliography: p. [15-16] "N84-13639"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Remote sensing. 2. Flood control. I. United States. National Aeronautics and Space Administration. II. Title. III. Title: Application of remote sensing to hydrological problems and floods. IV. Series: NASA contractor report ; 174613. OCLC 11682821

85-13365

NAS 1.26:174516

LANDSAT 4 band 6 data evaluation [microform] / prepared for NASA/Goddard Space Flight Center. — Rochester, N.Y. : Rochester Institute of Technology, College of Graphic Arts & Photography, School of Photographic Arts & Sciences, [1983]

1 v. : ill. ; 28 cm. — (CR ; 174516) "Third quarterly report, June 15, 1983." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Contract #NAS5-27323." "N84-11543"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing — United States. I. Goddard Space Flight Center. II. Rochester Institute of Technology. School of Photographic Arts and Sciences. III. Series: NASA contractor report ; 174516. OCLC 11682834

85-13366

NAS 1.26:174517

LANDSAT 4 program [microform] : progress report on the U.K. SATMaP program (F-01) / contributors, John R. Townshend ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]

1 v. : ill. ; 28 cm. — (CR ; 174517) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-13627"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing — Great Britain. I. Townshend, John R. II. United States. National Aeronautics and Space Administration. III. Series: NASA contractor report ; 174517. OCLC 11682813

85-13367

NAS 1.26:174518

Study of LANDSAT-D thematic mapper performance as applied to hydrocarbon exploration [microform] : period covered, July 7, 1983 to Oct. 7, 1983. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. ; 28 cm. — (CR ; 174518) "Fourth quarterly progress report under contract NAS5-27384." Caption title. "Earth Satellite Corporation." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "N84-11544"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing — United States. 3. Hydrocarbons. I. United States. National Aeronautics and Space Administration. II. Earth Satellite Corporation. III. Series: NASA contractor report ; 174518. OCLC 11682852

85-13368

NAS 1.26:174519

Dozier, Jeff.

Landsat-D investigations in snow hydrology [microform.] — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

1 v. ; 28 cm. — (CR ; 174519) "Quarterly progress report, contract no. NAS5-27463." "Reporting period: July 1 to September 30, 1983." Header title. "Department of Geography, University of California." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "N84-11545"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. I. United States. National Aeronautics and Space Administration. II. University of California, Santa Barbara. Dept. of Geography. III. Title. IV. Series: NASA contractor report ; 174519. OCLC 11682866

85-13369

NAS 1.26:174520

Allen, L. H.

Use of thermal inertia determined by HCMM to predict nocturnal cold prone areas in Florida [microform] / L.H. Allen, Jr., principal investigator ; prepared for National Aeronautics and Space Administration, Goddard Space Flight Center. — Greenbelt, MD : The Center ; [Springfield, Va. : For sale by the Clearinghouse for Federal Scientific and Technical Information, 1983]

1 v. : ill., maps ; 28 cm. — (HCMM data investigation ; HFO-002) Type III final report. March 1981 to March 1983. "University of Florida, Institute of Food and Agricultural Sciences." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 74-75. "N84-11546"—Microfiche header. Contract No.: NAS5-26453. ●Item 830-H-14 (microfiche)

1. Soil temperature — Florida. 2. Wetlands — Florida. I. Goddard Space Flight Center. II. University of Florida. Institute of Food and Agricultural Sciences. III. Title. IV. Series. OCLC 11682843

85-13370

NAS 1.26:174521

Quarterly report, Landsat 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C) [microform.] — Sioux Falls, S.D. : U.S. Dept. of the Interior, Geological Survey, EROS Data Center, [1983]

1 v. ; 28 cm. — (CR ; 174521) Caption title. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "June 30, 1983." "N84-12555"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing — United States. I. EROS Data Center. II. Title: Landsat 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C) III. Series: NASA contractor report ; 174521. OCLC 11682848

85-13371

NAS 1.26:174522

Novo, Evelyn Marcia Leao de M.

The effects of solar incidence angle over digital processing of LANDSAT data [microform] / Evelyn M.L.M. Novo. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill., 1 map ; 28 cm. — (CR ; 174522) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983]. 1 microfiche ; 11 x 15 cm. "Sept. 1983." Bibliography: p. 5-6. "N84-10641"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Digital electronics. I. United States. National Aeronautics and Space Administration. II. Title. III. Series: NASA contractor report ; 174522. OCLC 11673577

85-13372

NAS 1.26:174523

Suits, Gwynn H.

An analysis of spectral discrimination between corn and soybeans using a row crop reflectance model [microform] / Gwynn H. Suits. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]

1 v. : ill. ; 28 cm. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 19. "N84-10642"—Microfiche header. ●Item 830-H-14 (microfiche)

# National Aeronautics and Space Administration

1. Photography, Aerial. 2. Remote sensing—United States. I. United States. National Aeronautics and Space Administration. II. Title. OCLC 11673591

85-13373

NAS 1.26:174524

Stiles, William H.

Microwave remote sensing of snow [microform : experiment description and preliminary results] / W.H. Stiles, B.C. Hanson, F.T. Ulaby ; supported by National Aeronautics and Space Administration, Goddard Space Flight Center. — Greenbelt, Md. : The Center, [1977]

1 v. : ill. ; 28 cm. — (RSL technical report ; 340-1) (CR ; 174524) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "University of Kansas Space Technology Center." "Remote Sensing Laboratory. "June 1977." Includes bibliographical references. "NAS 5-23777." "N84-11547"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Remote sensing—United States. 2. Snow—Snow electric properties. I. Hanson, B. C. II. Ulaby, Fawwaz T. (Fawwaz Tayssir), 1943- III. Goddard Space Flight Center. IV. University of Kansas. Space Technology Center. V. University of Kansas. Remote Sensing Laboratory. VI. Title. VII. Series. VIII. Series: NASA contractor report ; 174524. OCLC 11673533

85-13374

NAS 1.26:174526

Ford, Gary E.

LANDSAT-D thematic mapper image dimensionality reduction and geometric correction accuracy [microform] / principal investigator, Gary E. Ford. — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

1 v. ; 28 cm. — (CR ; 174526) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Quarterly status and technical progress report." "Department of Electrical and Computer Engineering, University of California, Davis." "For the period: June 3, 1983 to September 3, 1983." "NASA contract number NAS5-27577." "N84-11549"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing—United States. I. United States. National Aeronautics and Space Administration. II. University of California, Davis. Dept. of Electrical and Computer Engineering. III. Title. IV. Series: NASA contractor report ; 174526. OCLC 11673545

85-13375

NAS 1.26:174527

LANDSAT 4 band 6 data evaluation [microform] / prepared for NASA/Goddard Space Flight Center. — Greenbelt, Md. : The Center, [1983]

1 v. : ill. ; 28 cm. — (CR ; 174527) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Fourth quarterly report, September 15, 1983." "Rochester Institute of Technology, College of Graphic Arts & Photography, School of Photographic Arts & Sciences." "Contract #NAS5-27323." "N84-11550"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing—United States. I. Goddard Space Flight Center. II. Rochester Institute of Technology. School of Photographic Arts and Sciences. III. Series: NASA contractor report ; 174527. OCLC 11673475

85-13376

NAS 1.26:174528

Rice, Daniel P.

Investigation of radiometric properties of the LANDSAT-4 multispectral scanner [microform] / Daniel P. Rice and Wil-

liam A. Malila ; prepared for NASA Goddard Space Flight Center. — Greenbelt, Md. : The Center, [1983]

1 v. : ill. ; 1 map ; 28 cm. — (CR ; 174528) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Final report. 22 Jul 1982 through 21 Aug 1983. "Environmental Research Institute of Michigan." "August 1983." Includes bibliographical references. "N84-11551"—Microfiche header. Contract No.: NAS5-27254. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing—United States. I. Malila, William A. II. Goddard Space Flight Center. III. Environmental Research Institute of Michigan. IV. Title. V. Series: NASA contractor report ; 174528. OCLC 11673503

85-13377

NAS 1.26:174529

Schowengerdt, Robert A.

LANDSAT-4 thematic mapper modulation transfer function (MTF) evaluation [microform] / submitted to NASA Ames Research Center ; Robert Schowengerdt, principal investigator. — Moffett Field, Calif. : The Center, [1983]

1 v. : ill. ; 28 cm. — (CR ; 174529) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Progress report, June 15-September 15, 1983." "September 16, 1983." "N84-11552"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing—United States. I. Ames Research Center. II. Title. III. Series: NASA contractor report ; 174529. OCLC 11673453

85-13378

NAS 1.26:174530

Land use inventory of Salt Lake County, Utah from color infrared aerial photography, 1982 [microform] / by Kevin P. Price ... [et al.]. — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

1 v. : maps ; 28 cm. — (CRSC report ; 83-2) (CR ; 174530) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Supported primarily by the Utah Division of Water Resources, (NASA grant NAGW-95)." "July 1983." Bibliography: p. 12. "N84-11553"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Land use—Utah—Salt Lake County. 2. Photography, Aerial. I. Price, Kevin P. II. United States. National Aeronautics and Space Administration. III. Utah. Division of Water Resources. IV. Series. V. Series: NASA contractor report ; 174530. OCLC 11673416

85-13379

NAS 1.26:174543

Identifying environmental features for land management decisions [microform.] — Salt Lake City, Utah : Center for Remote Sensing and Cartography, University of Utah Research Institute, [1983]

1 v. : ill. ; 28 cm. — (CR ; 174543) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Annual report, October 28, 1983." "National Aeronautics and Space Administration." Includes bibliographies. "Grant NAGW-95." "N84-12556"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Land use—United States. I. University of Utah. Research Institute. Center for Remote Sensing and Cartography. II. United States. National Aeronautics and Space Administration. III. Series: NASA contractor report ; 174543. OCLC 11673658

85-13380

NAS 1.26:174544

LANDSAT 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C) [microform : quarterly report.] — Sioux Falls, S.D. : U.S. Dept. of the Interior, Geological Survey, EROS Data Center, [1983]  
1 v. : 28 cm. — (CR ; 174544) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "October 24, 1983." Bibliography: p. [2] "N84-11554"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Landsat satellites. 2. Remote sensing.—United States.  
I. EROS Data Center. II. Series: NASA contractor report ; 174544. OCLC 11673617

85-13381

NAS 1.26:174589

Gurney, Charlotte M.  
The use of linear feature detection to investigate thematic mapper data performance and processing [microform] / Charlotte M. Gurney. — [Washington, D.C. : National Aeronautics and Space Administration, 1983?]  
1 v. : ill. ; 28 cm. — (CR ; 174589) "Systems and Applied Sciences Corporation." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Bibliography: p. 15. "NAS5-27393." "N84-13630"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Remote sensing.—United States. I. United States. National Aeronautics and Space Administration. II. Systems and Applied Sciences Corporation. III. Title. IV. Series: NASA contractor report ; 174589. OCLC 11659118

85-13382

NAS 1.26:174611

In-flight absolute radiometric calibration of the thematic mapper [microform] / K.R. Castle ... [et al.]. — [Washington, D.C. : National Aeronautics and Space Administration, 1983?]  
1 v. : 28 cm. — (CR ; 174611) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-13637"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Remote sensing.—United States. I. Castle, K. R. II. United States. National Aeronautics and Space Administration. III. Series: NASA contractor report ; 174611. OCLC 11659154

85-13383

NAS 1.26:174612

Palmer, James M.  
Fourth quarterly report on "spectroradiometric calibration of the thematic mapper and multispectral scanner system" [microform] / James M. Palmer, co-investigator ; Philip N. Slater, principal investigator. — Greenbelt, MD : NASA/Goddard Space Flight Center, [1983]  
1 v. : ill. ; 28 cm. — (CR ; 174612) "Optical Sciences Center, University of Arizona." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "For the period: 1 August 1983-1 November 1983." Includes bibliographical references. "Contract number NAS5-27382." "N84-13638"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Remote sensing.—United States. I. Slater, Philip N. II. Goddard Space Flight Center. III. University of Arizona. Optical Sciences Center. IV. Title. V. Series: NASA contractor report ; 174612. OCLC 11659169

85-13384

NAS 1.26:174614

Levantamento da frequência de cobertura de nuvens em dados do LANDSAT no período de 1973 a 1981 [microform.] — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]  
1 v. : maps ; 28 cm. — (CR ; 174614) "Rise in the frequency of cloud cover in LANDSAT data for the period 1973 to 1981"—Microfiche header. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Setembro, 1983." Chiefly maps. "N84-13640"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Landsat satellites. 2. Remote sensing.—United States.  
I. United States. National Aeronautics and Space Administration. II. Series: NASA contractor report ; 174614. OCLC 11659140

85-13385

NAS 1.26:174615

Enslein, William R.  
Photo interpretation key to Michigan land cover use [microform] / William R. Enslein, William D. Hudson, David P. Lusch. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]  
1 v. : ill., maps ; 28 cm. — (CR ; 174615) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "April 1983." "N84-13641"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Aerial photography in agriculture—Michigan. 2. Land use—Michigan. I. Hudson, William D. II. Lusch, David P. III. United States. National Aeronautics and Space Administration. IV. Title. V. Series: NASA contractor report ; 174615. OCLC 11659131

85-13386

NAS 1.26:174616

Evaluation of radiometric and geometric characteristics of LANDSAT-D imaging system [microform : second quarterly report] / principal investigator, J. Salisbury ... [et al.]. — Reston, Va. : U.S. Geological Survey, National Center, [1983]  
1 v. : ill. ; 28 cm. — (CR ; 174616) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "November 1983." "Interagency agreement S-12407-C." "N84-13643"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Landsat satellites. 2. Remote sensing.—United States.  
I. Geological Survey (U.S.). National Center. II. Series: NASA contractor report ; 174616. OCLC 11659190

85-13387

NAS 1.26:174617

LeMaster, E. W.  
Final technical report [microform : seasonal soybean crop reflectance] / by E.W. LeMaster, principal investigator and J.E. Chance, co-investigator ; prepared for National Aeronautics and Space Administration. — [Washington, D.C.? : National Aeronautics and Space Administration, [1983?]  
1 v. : ill. ; 28 cm. — (CR ; 174617) "Pan American University." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "Contract no. NSG 9033, supplements 8, 9, and 10." "N84-13642"—Microfiche header. ●Item 830-H-14 (microfiche)  
1. Remote sensing.—United States. 2. Soybean.—United States. I. Chance, J. E. II. United States. National Aeronautics and Space Administration. III. Pan American Uni-

## National Aeronautics and Space Administration

versity. IV. Title. V. Series: NASA contractor report ; 174617. OCLC 11659160

85-13388

NAS 1.26:174627

Study of effects of fuel properties in turbine-powered business aircraft [microform : final report] / F.D. Powell ... [et al.]. — Cleveland, Ohio : NASA-Lewis Research Center, [1984] 1 v. : ill. ; 28 cm. — (NASA contractor report ; 174627) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Simmonds Precision, Instrument Systems Division. "April 1984." Includes bibliographical references. "Contract NAS3-22827." "N84-25854"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Airplanes—Turbojet engines. 2. Airplanes—Fuel systems. I. Powell, F. D. II. Lewis Research Center. III. Simmonds Precision (Firm). Instrument Systems Division. IV. Series. OCLC 11694544

85-13389

NAS 1.26:174629

Advanced gas turbine AGT technology project [microform : seventh semiannual report for work performed from 1 January 1983-30 June 1983] / prepared for National Aeronautics and Space Administration, Lewis Research Center for U.S. Department of Energy, Conservation and Renewable Energy, Office of Vehicle and Engine Research and Development. — [Cleveland, Ohio?] : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA CR ; 174629) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Allison Gas Turbine Division, General Motors Corporation." "June 1984." "Contract DEN 3-168." "N84-28089"—Microfiche header. "DOE/NASA/0168-7." ●Item 830-H-14 (microfiche)

1. Automotive gas turbines. 2. Gas-turbines. I. Lewis Research Center. II. United States. Dept. of Energy. Office of Vehicle and Engine Research and Development. III. General Motors Corporation. Allison Gas Turbine Division. IV. Title: Advanced gas turbine A.G.T. technology project. V. Series: NASA contractor report ; 174629. OCLC 11674350

85-13390

NAS 1.26:174631

Jasperson, W. H.

Tabulation of ozonesonde data : 1963-1980 / W.H. Jackson and R.W. Wilcox. — [Cleveland, Ohio?] : National Aeronautics and Space Administration, Lewis Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1984]

1, 342 p. ; 28 cm. — (NASA contractor report ; 174631) Cover title. "Control Data Corporation." "March 1984." Distributed to depository libraries in microfiche. Prepared for National Aeronautics and Space Administration Lewis Research Center. NAS 3-21249. ●Item 830-H-14 (microfiche) STRN: FAA-EE-83-13

1. Atmospheric ozone—Statistics. 2. Ozone—Statistics. I. Wilcox, R. W. II. Control Data Corporation. III. Lewis Research Center. IV. Title. V. Series. OCLC 11747248

85-13391

NAS 1.26:174640

Riley, James J. (James Joseph), 1944-

Direct simulations of chemically reacting turbulent mixing layers [microform] / James J. Riley and Ralph W. Metcalfe ; prepared for National Aeronautics and Space Administration, Lewis Research Center. — [Cleveland, Ohio?] : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 174640) Microfiche. [Washington, D.C.? : National Aeronautics and

Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Flow Research Company." "March 1984." Bibliography: p. 65-70. "Contract NAS 3-23531." "N84-25710"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Chemical reactions—Mathematical models. 2. Turbulence—Mathematical models. I. Metcalfe, Ralph W. II. Lewis Research Center. III. Flow Research Company. IV. Title. V. Series. OCLC 11674400

85-13392

NAS 1.26:174642

Breton, Theodore R.

Computer analysis of effects of altering jet fuel properties on refinery costs and yields [microform] / by Theodore R. Breton and Daniel N. Dunbar ; prepared for National Aeronautics and Space Administration, Lewis Research Center. — [Cleveland, Ohio?] : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 174642) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "ICF Incorporated." "June 1984." Includes bibliographical references. "Contract no. NAS 3-22780." "N84-27908"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Jet planes—Fuel. 2. Petroleum—Refining—Data processing. I. Dunbar, Daniel N. II. Lewis Research Center. III. ICF Incorporated. IV. Title. V. Series: NASA-CR ; 174642. OCLC 11674429

85-13393

NAS 1.26:174650

Moracz, D. J. (Donald J.)

Fabrication development for ODS-superalloy, air-cooled turbine blades [microform : final report] / D.J. Moracz. — [Cleveland, Ohio?] : National Aeronautics and Space Administration, NASA Lewis Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1984]

1 v. : ill. ; 28 cm. — (NASA CR ; 174650) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "TRW Inc., Materials and Manufacturing Technology Center." "January 1984." Includes bibliographical references. "N84-25711"—Microfiche header. Prepared for National Aeronautics and Space Administration, NASA Lewis Research Center. Contract No.: NAS3-22507. ●Item 830-H-14 (microfiche) STRN: TRW ER-8162-F

1. Turbines—Blades. 2. Alloys—Testing. I. Lewis Research Center. II. TRW Inc. Materials and Manufacturing Technology Center. III. Title. IV. Title: Fabrication development for O.D.S.-superalloy, air-cooled turbine blades. V. Series: NASA contractor report ; 174650. OCLC 11674423

85-13394

NAS 1.26:174660

Christner, L.

Full scale phosphoric acid-fuel cell stack technology development [microform : final technical report] / L. Christner, M. Farooque ; prepared for National Aeronautics and Space Administration, Lewis Research Center for U.S. Department of Energy, Morgantown Energy Technology Center under interagency agreement DE-AI21-80ET17088. — [Cleveland, Ohio?] : The Administration, [1984]

1 v. : ill. ; 28 cm. — (NASA CR ; 174660) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "Energy Research Corporation." "March 1984." "Contract DEN3-205." "DOE/NASA/0205-8." "N84-26165"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Phosphoric acid. 2. Fuel cells. I. Farooque, M. II. Lewis Research Center. III. Morgantown Energy Technology Center. IV. Energy Research Corporation (Danbury, Conn.) V. Title. VI. Series: NASA contractor report ; 174660. OCLC 11674411

85-13395

NAS 1.26:174666

Pedersen, H. C. (Herbert C.)

Abrasive tip treatment for use on compressor blades [microform] / H.C. Pedersen ; prepared for National Aeronautics and Space Administration, Lewis Research Center. — Cleveland, Ohio : The Center ; [Springfield, VA : For sale by the National Technical Information Service, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 174666) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Contractor report. "United Technologies Corporation, Pratt & Whitney Engineering Division." "January 1984"—1st prelim. p. "N84-25065"—Microfiche header. "PWA-5833-37." NASA. Contract No.: NAS3-22813. ●Item 830-H-14 (microfiche)

1. Compressors—Blades. 2. Abrasives. I. Lewis Research Center. II. Pratt & Whitney Aircraft Group. Engineering Division. III. Title. IV. Series: NASA contractor report ; 174666. OCLC 11691002

85-13396

NAS 1.26:174675

Rotorcraft contingency power study [microform] / Robert Hirschkrone ... [et al.] ; prepared for National Aeronautics and Space Administration. — [Cleveland, Ohio] : NASA Lewis Research Center, [1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 174675) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "General Electric, Aircraft Engine Business Group." "N84-24580"—Microfiche header. "R84AEB012." ●Item 830-H-14 (microfiche)

1. Helicopters—Motors. 2. Military helicopters. I. Hirschkrone, Robert. II. Lewis Research Center. III. General Electric Company. Aircraft Engine Business Group. IV. Series: NASA contractor report ; 174675. OCLC 11691052

85-13397

NAS 1.26:174680

Smith, Mark E.

Measurement of local connective heat transfer coefficients of four ice accretion shapes [microform] / Mark E. Smith, Rao V. Arimilli, and Edward G. Keshock ; prepared for National Aeronautics and Space Administration, Lewis Research Center. — [Cleveland, Ohio] : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA contractor report ; 174680) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "The University of Tennessee." "May 1984." Includes bibliographical references. "Grant NAG-3-83." "N84-25646"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Airplanes—Ice prevention. 2. Icing (Meteorology)—United States. I. Arimilli, Rao V. II. Keshock, Edward G. III. Lewis Research Center. IV. University of Tennessee, Knoxville. V. Title. VI. Series. OCLC 11323578

85-13398

NAS 1.26:174683

Fryxell, R. E.

Effects of surface chemistry on hot corrosion life [microform : first annual report] / by R.E. Fryxell. — [Cleveland, Ohio] : Lewis Research Center ; [Springfield, Va. : For sale by the National Technical Information Service, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 174683) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. First annual contractor report. "General Electric Company. Aircraft Engine Business Group." "June 1984"—1st prelim. p. Includes bibliographical references. "N84-24774"—Microfiche header. "R84AEB422." Prepared for National Aeronautics and Space Administration. Contract No.: NAS3-23926. ●Item 830-H-14 (microfiche)

1. Gas-turbines. 2. Metals at high temperatures. I. Lewis Research Center. II. General Electric Company. Aircraft Engine Business Group. III. Title. IV. Series: NASA contractor report ; 174683. OCLC 11691033

85-13399

NAS 1.26:174691

Henricks, Robert J.

Materials for advanced turbine engines (MATE) : Project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner / by Robert J. Henricks, Keith D. Sheffler. — Washington, D.C. : National Aeronautics and Space Administration ; [Springfield, VA : For sale by the National Technical Information Service, 1984—

v. : ill. ; 28 cm. — (NASA CR ; 174691) Cover title. "United Technologies Corporation, Pratt & Whitney Aircraft Group, Pratt & Whitney Engineering Division." Distributed to depository libraries in microfiche. "February 1984"—Vol. 1. Includes bibliographical references. STAR category 26. Prepared for National Aeronautics and Space Administration, Lewis Research Center. Contract No.: NAS3-20072. ●Item 830-H-14 (microfiche)

1. Turbines. 2. Metallurgy. I. Sheffler, Keith D. II. United States. National Aeronautics and Space Administration. III. Pratt & Whitney Aircraft Group. Engineering Division. IV. Series: NASA contractor report ; 174691. OCLC 11658601

85-13400

NAS 1.26:174691/v.1/final

Henricks, Robert J.

Materials for advanced turbine engines (MATE) : project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner / by Robert J. Henricks, Keith D. Sheffler. — [Cleveland, Ohio] : National Aeronautics and Space Administration, Lewis Research Center ; [Springfield, VA : For sale by the National Technical Information Service], 1984—

v. : ill. ; 28 cm. — (NASA CR ; 174691) Contractor report. Cover title. "United Technologies Corporation, Pratt & Whitney Aircraft Group, Pratt & Whitney Engineering Division." STAR category 26. Distributed to depository libraries in microfiche. "February 1984"—Vol. 1. Includes bibliographical references. Prepared for National Aeronautics and Space Administration, Lewis Research Center. Contract No.: NAS3-20072 project 3. ●Item 830-H-14 (microfiche)

1. Turbines. 2. Metallurgy. I. Sheffler, Keith D. II. Lewis Research Center. III. Pratt & Whitney Aircraft Group. Engineering Division. IV. United States. National Aeronautics and Space Administration. V. Title. VI. Series: NASA contractor report ; 174691. OCLC 11773795

# National Aeronautics and Space Administration

85-13401

NAS 1.26:174694

Advanced gas turbine (AGT) technology development [microform : seventh semiannual progress report (January 1983-June 1983)] / prepared for National Aeronautics and Space Administration, Lewis Research Center for U.S. Department of Energy, Office of Vehicle and Engine Research and Development, Technology Development and Analysis Division. — Cleveland, Ohio : The Center, [1983]

1 v. : ill. ; 28 cm. — (NASA CR ; 174694) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Garrett Turbine Engine Company." "December 1983." Includes bibliographical references. "Contract DEN3-167." "DOE/NASA/0167-7." "N84-29805"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Gas-turbines. I. Lewis Research Center. II. United States. Dept. of Energy. Office of Vehicle and Engine Research and Development. Technology Development and Analysis Division. III. Garrett Turbine Engine Company. IV. Title: Advanced gas turbine (A.G.T.) technology development. V. Series: NASA contractor report ; 174694. OCLC 11682775

85-13402

NAS 1.26:174725

Hodgdon, Russell B., 1924-

Anion permselective membrane [microform] / Russell B. Hodgdon, Warren A. Waite, Samuel S. Alexander ; prepared for National Aeronautics and Space Administration, Lewis Research Center for U.S. Department of Energy, Office of Advanced Conservation Technologies, Division of Energy Storage Systems. — Cleveland, Ohio : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA CR ; 174725) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Ionics, Incorporated, Research Division." "July 17, 1984." "Contract DEN 3-264." "DE-A1-04-80-AL-12726." "DOE/NASA/0264-1." "N84-29358"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Ion-permeable membranes. 2. Oxidation-reduction reaction. I. Waite, Warren A. II. Alexander, Samuel S. III. Lewis Research Center. IV. United States. Dept. of Energy. Division of Energy Storage Systems. V. Ionics, inc. Research Division. VI. Title. VII. Series: NASA contractor report ; 174725. OCLC 11682767

85-13403

NAS 1.26:174756

Doychak, Joseph K.

The transient oxidation of single crystal NiAlZr / Joseph K. Doychak. — [Cleveland, Ohio?] : National Aeronautics and Space Administration, Lewis Research Center ; [Springfield Va. : For sale by the National Technical Information Service], 1984.

iv, 237 p. : ill. ; 28 cm. — (NASA contractor report ; 174756.) Cover title. "Case Western Reserve University." Distributed to depository libraries in microfiche. "September 1984." Includes bibliographical references. National Aeronautics and Space Administration. Contract No.: NAG 3-58. Project No.: 505-36-12. ●Item 830-H-14 (microfiche)

1. Metal crystals. 2. Zirconium. 3. Oxidation. I. Lewis Research Center. II. Case Western Reserve University. III. Title. IV. Series. OCLC 11757851

85-13404

NAS 1.26:174757

Wirsching, Paul H.

Reliability considerations for the total strain range version of strainrange partitioning / Paul H. Wirsching and Yih-Tsuen

Wu. — Washington, D.C. : National Aeronautics and Space Administration ; [Springfield, Va. : For sale by the National Technical Information Service, 1984]

vii, 76 p. : ill. ; 28 cm. — (NASA contractor report ; 174757) "The University of Arizona." Distributed to depository libraries in microfiche. "September 1984." Includes bibliographical references. STAR category 39. Prepared for National Aeronautics and Space Administration, Lewis Research Center. Contract No.: NAG 3-41. ●Item 830-H-14 (microfiche)

1. Strains and stresses. 2. Materials — Creep. I. Wu, Yih-Tsuen. II. Lewis Research Center. III. University of Arizona. IV. Title. V. Series. OCLC 11770184

85-13405

NAS 1.26:175123

Haralick, Robert M.

Spatial reasoning to determine stream network from LANDSAT imagery [microform] / R.M. Haralick, S. Wang, D.B. Elliott. — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA CR ; 175123) "Dept. of Electrical Engineering & Computer Science, Virginia Polytechnic Institute and State University." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "March 4, 1983"—1st prelim. p. Bibliography: p. [14-15] "NASA grant- NAG 5-131"—1st prelim. p. "N84-15632"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing — United States. I. Wang, S. II. Elliott, D. B. III. United States. National Aeronautics and Space Administration. IV. Virginia Polytechnic Institute and State University. Dept. of Electrical Engineering and Computer Science. V. Title. VI. Series: NASA contractor report ; 175123. OCLC 11659147

85-13406

NAS 1.26:175128

Taylor, Taliaferro H.

Autonomous omnidirectional spacecraft antenna system [microform] Taliaferro H. Taylor, Jr. — Greenbelt, Md. : Goddard Space Flight Center, RF Technology Branch, [1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175128) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. Final. July 1980-Dec. 1982. "Ball Aerospace Systems Division." "February 1983." "N84-27980"—Microfiche header. Prepared for Goddard Space Flight Center. Contract No.: NA55-26240. ●Item 830-H-14 (microfiche)

1. Antenna arrays. 2. Antennas (Electronics) I. Goddard Space Flight Center. II. Ball Corporation. Aerospace Systems Division. III. Title. IV. Series: NASA contractor report ; 175128. OCLC 11674338

85-13407

NAS 1.26:175227

Hudgins, Wayne A.

MPP disk subsystem [microform.] — Greenbelt, Md. : Goddard Space Flight Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175227) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Final. 10-83 to 3-84. "Goodyear Aerospace Corporation." "March 1984." Includes bibliographical references. "N84-25325"—Microfiche header. Goddard Space Flight Center. Contract No.: NA55-27613. Project No.: GER-17234. ●Item 830-H-14 (microfiche)

1. Parallel processing (Electronic computers) I. Goddard Space Flight Center. II. Goodyear Aerospace Corporation. III. Title. IV. Title: M.P.P. disk subsystem. V. Series: NASA contractor report ; 175227. OCLC 11691017

85-13408

NAS 1.26:175228

Davidson, F. (Frederick M.), 1941-

Dye laser traveling wave amplifier [microform] / F. Davidson, J. Hohman. — [Greenbelt, Md. : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175228) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. At head of title: Interim status report for NASA cooperative agreement NCCS-24. "Electrical Engineering and Computer Science Department, The Johns Hopkins University." "January 1984." "Report covers the period July 1983 - Dec. 1983." "N84-25036"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Dye lasers. 2. Lasers in aeronautics. I. Hohman, J. II. United States. National Aeronautics and Space Administration. III. Johns Hopkins University. Electrical Engineering and Computer Science Dept. IV. Title. V. Series: NASA contractor report ; 175228. OCLC 11691039

85-13409

NAS 1.26:175230

Potential utility of future satellite magnetic field data [microform] / prepared for National Aeronautics and Space Administration, Goddard Space Flight Center ; prepared by Business and Technological Systems, Inc. — Greenbelt, Md. : The Center, [1984]

1 v. : 28 cm. — (NASA-CR ; 175230) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "February 1984." "N84-24691"—Microfiche header. "BTS07-84-05/rb." "Contract NAS 5-27957." ●Item 830-H-14 (microfiche)

1. Magnetic fields (Cosmic physics) I. Goddard Space Flight Center. II. Business and Technological Systems, Inc. III. Series: NASA contractor report ; 175230. OCLC 11691006

85-13410

NAS 1.26:175231

Chie, C. M.

Satellite data transmission (SDT) requirement [microform] / prepared for NASA Goddard Space Flight Center ; prepared by C.M. Chie, M. White, W.C. Lindsey. — Los Angeles, CA : Lincom Corporation, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175231) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. At head of title: final report. "April, 1984." Includes bibliographical references. "N84-24920"—Microfiche header. "TR-0484-8219." "Contract no. NAS 5-27510." ●Item 830-H-14 (microfiche)

1. Data transmission systems. I. White, M., 1957- II. Lindsey, William C. III. Goddard Space Flight Center IV. Lincom Corporation. V. Title. VI. Title: Satellite data transmission (S.D.T.) requirements. OCLC 11691318

85-13411

NAS 1.26:175240

Mayhew, M. A.

A compilation of mineral occurrences and the relationship of occurrences to structural elements of the Kentucky and Tennessee region [microform] / by M.A. Mayhew, D.M. Myers ; prepared for National Aeronautics and Space Administration, Goddard Space Flight Center ; prepared by Business and Technological Systems, Inc. — Greenbelt, Md. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175240) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "February 1984." Bibliography: p. 5-6. "Contract NAS 5-27597." "N84-2875"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Mines and mineral resources — Kentucky. 2. Mines and mineral resources — Tennessee. I. Myers, D. M. II. Goddard Space Flight Center. III. Business and Technological Systems, Inc. IV. Title. V. Series: NASA contractor report ; 175240. OCLC 11674322

85-13412

NAS 1.26:175243

Multipath induced errors in meteorological Doppler/interferometer location systems [microform : final report] / prepared for Goddard Space Flight Center, National Aeronautics and Space Administration. — Greenbelt, Md. : The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175243) (Technical report ; no. 2310) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "ORI." "April 1984." Bibliography: p. 5-1. "Contract NAS5-27641, task III." "N84-28058"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Interferometer. 2. Doppler effect. I. Goddard Space Flight Center. II. Operations Research Incorporated. III. Series: NASA contractor report ; 175243. IV. Series: Technical report (Operations Research Incorporated) ; no. 2310. OCLC 11674392

85-13413

NAS 1.26:175244

Effects of spacecraft reflections on RF interferometer position location accuracy [microform : final report] / prepared for Goddard Space Flight Center, National Aeronautics and Space Administration. — Greenbelt, Md. : The Center, [1984]

1 v. : ill. ; 28 cm. — (Technical report ; no. 2311) (NASA-CR ; 175244) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "ORI." "April 1984." "Contract no. NAS5-27641, task IV." "N84-27955"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Interferometer. I. Goddard Space Flight Center. II. Operations Research Incorporated. III. Series: Technical report (Operations Research Incorporated) ; no. 2311. IV. Series: NASA contractor report ; 175244. OCLC 11674383

85-13414

NAS 1.26:175245

Marsh, Bruce D.

Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAG5-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies' [microform] / Bruce D. Marsh, Charles M. Schlinger. — [Washington, D.C. : National Aeronautics and Space Administration, 1984?]

1 v. ; 28 cm. — (NASA-CR ; 175245) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1983?]. 1 microfiche ; 11 x 15 cm. "Johns Hopkins University, Dept. of Earth and Planetary Physics." "N84-28276"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Magnetic anomalies — United States. 2. Petrology — United States. 3. Geophysics — United States. I. Schlinger, Charles Martin. II. United States. National Aeronautics and Space Administration. III. Johns Hopkins University. Dept. of Earth and Planetary Sciences. IV. Title. V. Title: Petro-

## National Aeronautics and Space Administration

logic and geophysical sources of long-wavelength crustal magnetic anomalies. VI. Series: NASA contractor report ; 175245. OCLC 11668462

85-13415

NAS 1.26:175248

Wilkinson, David T.

Final technical report to National Aeronautics and Space Administration for contract #NAS5-24486 [microform : microwave and theoretical studies for cosmic background explorer satellite from Princeton University] / principal investigator, David T. Wilkinson. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : 28 cm. — (NASA-CR ; 175248) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983]. 1 microfiche ; 11 x 15 cm. "July 25, 1983." "N84-28721"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Artificial satellites, American. 2. Scientific satellites. I. United States. National Aeronautics and Space Administration. II. Princeton University. III. Title. IV. Title: Microwave and theoretical studies for cosmic background explorer satellite. V. Series: NASA contractor report ; 175248. OCLC 11668442

85-13416

NAS 1.26:175249

V-band IMPATT transmitter [microform]. — Greenbelt, Md. : NASA Goddard Space Flight Center, [1983]

1 v. : ill. ; 28 cm. — (Research and development technical report) (NASA-CR ; 175249) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. Final report. August 1981 - June 1983. "Hughes Aircraft Company, Electron Dynamics Division." For official use only. "June 1983." "N84-27976"—Microfiche header. NASA Goddard Space Flight Center. Contract No.: NAS5-26727. "W-45666"—Rept. doc. p. ●Item 830-H-14 (microfiche)

1. Diodes, IMPATT. I. Goddard Space Flight Center. II. Hughes Aircraft Company. Electron Dynamics Division. III. Series: NASA contractor report ; 175249. IV. Series: Research and development technical report (Goddard Space Flight Center) OCLC 11668507

85-13417

NAS 1.26:175341

Vander Velde, Wallace E.

Reliability issues in active control of large flexible space structures [microform : semi-annual status report for the period May 16, 1983 to November 15, 1983] / principal investigator, W.E. Vander Velde. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : 28 cm. — (NASA-CR ; 175341) "Department of Aeronautics and Astronautics, Massachusetts Institute of Technology." Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "November 23, 1983." "NASA research grant no. NAG1-126." "N84-16248"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space vehicles—Control systems. I. United States. National Aeronautics and Space Administration. II. Massachusetts Institute of Technology. Dept. of Aeronautics and Astronautics. III. Title. IV. Series: NASA contractor report ; 175341. OCLC 11659105

85-13418

NAS 1.26:175384

Gausman, H. W.

Early warning and crop condition assessment [microform : reflectance measurements of cotton leaf senescence altered by mepiquat chloride] / H.W. Gausman, D.E. Escobar, and R.R.

Rodriguez. — Houston, Tex. : Lyndon B. Johnson Space Center ; Springfield, Va. : For sale by the National Technical Information Service [distributor], 1982.

1 v. : ill. ; 28 cm. — (CR ; 175384) "AgRISTARS." "A joint program for agriculture and resources inventory surveys through aerospace remote sensing." Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "February 1982." Bibliography: p. 8-11. "N84-19960"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Cotton—United States—Moisture. 2. Aerial photography in agriculture—United States. 3. Remote sensing—United States. 4. Field crops—United States—Mathematical models. I. Escobar, D. E. II. Rodriguez, R. R., 1938-III. Lyndon B. Johnson Space Center. IV. Title. V. Series: NASA contractor report ; 175384. OCLC 11659177

85-13419

NAS 1.26:175385

Birnie, Richard W.

Investigation of forestry resources and other remote sensing data [microform] / principal investigators, Richard E. Birnie, Richard E. Stoiber. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (CR ; 175385) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final technical report, NCC 5-22." "February 1, 1980 - Oct. 31, 1983." Bibliography: p. [E-1]-E-4. "N84-19963"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Remote sensing. 2. Landsat satellites. 3. Volcanism. I. Stoiber, Richard E. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 175385. OCLC 11688852

85-13420

NAS 1.26:175386

Klemas, V.

Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies [microform] / V. Klemas, principal investigator. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : 28 cm. — (CR ; 175386) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "College of Marine Studies, University of Delaware." "Period covered: October 1 to December 31, 1983." Bibliography: p. [2] "Contract number: NAS 5-27580." "N84-19964"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Remote sensing—United States. 2. Coastal engineering—United States. I. United States. National Aeronautics and Space Administration. II. University of Delaware. College of Marine Studies. III. Title. IV. Series: NASA contractor report ; 175386. OCLC 11688896

85-13421

NAS 1.26:175387

Demonstration of angular anisotropy in the output of thematic mapper [microform : Type 2 quarterly status and technical progress report] / M.J. Duggin ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "State Univ. of New York." "2/11/84." "NASA contract NAS 5-27595." "N84-19965"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Anisotropy. 2. Remote sensing—United States. I. Duggin, M. J. II. United States. National Aeronautics and

Space Administration. III. State University of New York. OCLC 11688883

85-13422

NAS 1.26:175388

CCRS proposal for evaluating LANDSAT-4 MSS and TM data [microform] / W.M. Strome ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Second progress report." "September 3, 1983 to January 2, 1984." "Second progress report." Includes bibliographical references. "N84-19966 thru N84-19970"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Landsat satellites. 2. Remote sensing—United States. I. Strome, W. M. II. United States. National Aeronautics and Space Administration. III. Title. C.C.R.S. proposal for evaluating LANDSAT-4 MSS and TM data. OCLC 11688930

85-13423

NAS 1.26:175389

Cannon, Robert H.

Experiments in control of flexible structures with noncollocated sensors and actuators [microform] / Robert H. Cannon, Jr. and Dan E. Rosenthal. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175389) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. Header title: Precise control of flexible manipulators, semiannual progress report. "Mar. 1984"—Microfiche header. Includes bibliographical references. "N84-20175"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Manipulators (Mechanism) 2. Space vehicles—Control systems. I. Rosenthal, Dan E. II. United States. National Aeronautics and Space Administration. III. Title. IV. Title: Precise control of flexible manipulators, semiannual progress report. V. Series: NASA contractor report ; 175389. OCLC 11688979

85-13424

NAS 1.26:175390

Wood, John A., 1932-

Mineralogic and petrologic studies of meteorites and lunar samples [microform] / John A. Wood, principal investigator ; prepared for National Aeronautics and Space Administration, Johnson Space Center. — Houston, TX : The Center, [1984]

1 v. ; 28 cm. — (NASA-CR ; 175390) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report, 1 February 1971 through 31 January 1984." "Smithsonian Institution, Astrophysical Observatory." "March 1984." Bibliography: p. [4-14] "Grant NGL 09-015-150." "N84-21478"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Meteorites—Analysis. 2. Lunar petrology—United States. I. Lyndon B. Johnson Space Center. II. Smithsonian Astrophysical Observatory. III. Title. IV. Series: NASA contractor report ; 175390. OCLC 11688945

85-13425

NAS 1.26:175391

Scharrer, Gregory Lloyd.

Swirl, expansion ratio and blockage effects on confined turbulent flow [microform] / by Gregory Lloyd Scharrer. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175391) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "May, 1984." Thesis (Ph.D.)—Oklahoma State University, 1984. Includes

bibliographical references. "N84-19746"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Turbulence. 2. Aerodynamics. I. Oklahoma State University. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 175391. OCLC 11688958

85-13426

NAS 1.26:175392

Jackson, Trevor William.

Turbulence characteristics of swirling flowfields [microform] / by Trevor William Jackson. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175392) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "December, 1983." Thesis (Ph.D.)—Oklahoma State University, 1983. Includes bibliographical references. "N84-19744"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Turbulence. 2. Aerodynamics. I. Oklahoma State University. II. United States. National Aeronautics and Space Administration. III. Title. IV. Series: NASA contractor report ; 175392. OCLC 11688840

85-13427

NAS 1.26:175393

Pitts, Grover C.

Rat body size, composition and growth at hypo- and hypergravity [microform] / Grover C. Pitts. — [Washington, D.C.? : National Aeronautics and Space Administration, 1983]

1 v. ; 28 cm. — (NASA-CR ; 175393) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report." "A research grant from NASA to the University of Virginia for the period April 1977 to July 1983." "July 15, 1983." Includes bibliographical references. "NSG-2225." "N84-20126"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Rats as laboratory animals. 2. Gravity—United States—Physiological effect. I. United States. National Aeronautics and Space Administration. II. University of Virginia. III. Title. IV. Series: NASA contractor report ; 175393. OCLC 11688959

85-13428

NAS 1.26:175394

Dupree, Andrea K.

Theoretical studies of x-ray emission from supernova remnants and other non-equilibrium astrophysical plasmas [microform] / principal investigator, A.K. Dupree ; prepared for National Aeronautics and Space Administration. — Washington, D.C. : The Administration, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175394) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report for the period 1 November 1980 through 29 February 1984." "Smithsonian Institution, Astrophysical Observatory." "March 1984." Bibliography: p. 6. "Grant NAGW-117." "N84-20468"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Supernovae. 2. Space plasmas. 3. X-ray astronomy. I. United States. National Aeronautics and Space Administration. II. Smithsonian Astrophysical Observatory. III. Title. IV. Series: NASA contractor report ; 175394. OCLC 11688868

85-13429

NAS 1.26:175395

Ghaffari, Farhad.

An analytical design procedure for the determination of effective leading edge extensions on thick delta wings [micro-

## National Aeronautics and Space Administration

form] / by Farhad Ghaffari and Sushil K. Chaturvedi, principal investigator; prepared for the National Aeronautics and Space Administration, Langley Research Center. — Hampton, Va.: The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175395) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report for the period ending January 15, 1983." "Submitted by the Old Dominion University Research Foundation." "Department of Mechanical Engineering and Mechanics, School of Engineering, Old Dominion University." "February 1984." Includes bibliographical references. "Research grant NAS-1-17099, task authorization no. 26." "N84-19284"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Airplanes—Wings, Triangular. 2. Leading edges (Aerodynamics)—Testing. I. Chaturvedi, Sushil K. II. Langley Research Center. III. Old Dominion University. Research Foundation. IV. Old Dominion University. Dept. of Mechanical Engineering and Mechanics. V. Title. VI. Series: NASA contractor report ; 175395. OCLC 11743570

85-13430

NAS 1.26:175396

Cernansky, N. P.

Combustion characteristics in the transition region of liquid fuel sprays [microform] / N.P. Cernansky, I. Namer, and R.J. Tidona. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175396) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Annual progress report, January, 1983-January, 1984." "Research supported by the NASA Lewis Research Center, NASA Research grant award NAG 3-382." "Mechanical Engineering and Mechanics Department, Drexel University." "February 1984." Bibliography: p. 20-22. "N84-19495"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Rockets (Aeronautics)—Fuel. 2. Propellants. 3. Combustion. I. Namer, I. II. Tidona, R. J. III. United States. National Aeronautics and Space Administration. IV. Lewis Research Center. V. Drexel University. Dept. of Mechanical Engineering & Mechanics. VI. Title. VII. Series: NASA contractor report ; 175396. OCLC 11743592

85-13431

NAS 1.26:175397

Abujelala, Muftah Taher.

Confined turbulent swirling recirculating flow predictions [microform] / by Muftah Taher Abujelala. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175397) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 3 microfiches ; 11 x 15 cm. "Submitted to the faculty of the Graduate College of the Oklahoma State University in partial fulfillment of the requirements for the degree of Doctor of Philosophy, May 1984." Includes bibliographical references. "N84-19745"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Turbulence. 2. Aerodynamics. I. United States. National Aeronautics and Space Administration. II. Oklahoma State University. III. Title. IV. Series: NASA contractor report ; 175397. OCLC 11743629

85-13432

NAS 1.26:175398

Chichester, F. D.

Modular design attitude control system [microform] / prepared for George C. Marshall Space Flight Center; prepared by F.D. Chichester. — Huntsville, Ala.: The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175398) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report, 24 January 1984." "The Bendix Corporation, Guidance Systems Division." Includes bibliographical references. "NASA contract no. NAS8-33979, exhibit C." "N84-19392"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations—Attitude control systems. I. George C. Marshall Space Flight Center. II. Bendix Corporation. Guidance Systems Division. III. Title. IV. Series: NASA contractor report ; 175398. OCLC 11743613

85-13433

NAS 1.26:175399

McDaniel, James C.

Flowfield measurements in a model scramjet combustor using laser-induced iodine fluorescence [microform] / submitted to National Aeronautics and Space Administration, Langley Research Center; submitted by James C. McDaniel, Jr. — Hampton, VA: The Center, [1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175399) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Semi-annual progress report." "Department of Mechanical and Aerospace Engineering, Research Laboratories for the Engineering Sciences, School of Engineering and Applied Science, University of Virginia." "March 1984." "Grant no. NAG-1-373." "N84-19283"—Microfiche header. "Report no. UVA/528228/MAE84/101." ●Item 830-H-14 (microfiche)

1. Jets—Fluid dynamics. 2. Fluorescence. I. Langley Research Center. II. University of Virginia. Dept. of Mechanical and Aerospace Engineering. III. Title. IV. Series: NASA contractor report ; 175399. OCLC 11743624

85-13434

NAS 1.26:175400

The construction of a highly transportable laser ranging station [microform] / submitted by The University of Texas, McDonald Observatory. — [Washington, D.C.? : National Aeronautics and Space Administration, 1980]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175400) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report on NASA contract NASW-2974." "November 2, 1980" "N84-19803"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations—Design and construction. 2. Lasers in aeronautics. I. McDonald Observatory. II. United States. National Aeronautics and Space Administration. III. Series: NASA contractor report ; 175400. OCLC 11743633

85-13435

NAS 1.26:175401

Robertson, S. James.

Manufacturing in space : fluid dynamics numerical analysis [microform] / prepared for NASA Headquarters by S.J. Robertson. — Washington, DC : The Headquarters, [1984]

1 v. : ill. ; 28 cm. — (LMSC-HREC TR ; D 951333) (NASA-CR ; 175401) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report." "Lockheed Missiles & Space Company, Inc., Huntsville Research & Engineering Center." "February 1984." Includes bibliographical references. "Contract number NASW-3281." "N84-19748"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations—Industrial applications. 2. Fluid dynamics (Space environment) I. United States. National Aeronautics and Space Administration. II. Huntsville Research & Engineering Center. III. Title. IV. Series. V. Series: NASA contractor report ; 175401. OCLC 11743583

85-13436

NAS 1.26:175404

Wofsy, Steven C.

Sources and sinks for nitrous oxide and experimental studies of the source of atmospheric  $\text{CO}_2$ ,  $\text{CS}_2$  and  $\text{CH}_2\text{Cl}$  [microform]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill., 1 map ; 28 cm. — (NASA-CR ; 175404) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Progress report." Caption title. "Harvard University/The Center for Earth and Planetary Physics"—P. [1] "March 1984." Bibliography: p. 11-12. "NASA grant NAG1-55." "N84-20030"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Nitrous oxide. 2. Atmospheric chemistry. I. United States. National Aeronautics and Space Administration. II. Harvard University. Center for Earth and Planetary Physics. III. Title. IV. Series: NASA contractor report ; 175404. OCLC 11743556

85-13437

NAS 1.26:175405

Palmer, James M.

Fifth quarterly report on "Spectroradiometric calibration of the thematic mapper and multispectral scanner system" [microform] / James M. Palmer, co-investigator ; Philip N. Slater, principal investigator. — Greenbelt, MD : NASA/Goddard Space Flight Center, [1984?]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175405) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "For the period: 1 November 1983-1 February 1984." "Optical Sciences Center, University of Arizona." Includes bibliographical references. "Contract number NAS5-27382." "N84-20905"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Remote sensing—United States. I. Slater, Philip N. II. Goddard Space Flight Center. III. University of Arizona. Optical Sciences Center. IV. Title. V. Series: NASA contractor report ; 175405. OCLC 11743602

85-13438

NAS 1.26:175406

Annual report to National Aeronautics and Space Administration for characterization of physio-chemical properties of polymeric and electrochemical materials for aerospace flight [microform] / Michael Rock ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175406) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Bowie State College." "Date: 3/22/84." Includes bibliographical references. "NSG-5009." "N84-19568"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space vehicles—Materials. I. Rock, Michael. II. United States. National Aeronautics and Space Administration. III. Bowie State College. IV. Title: Characterization of physio-chemical properties of polymeric and electrochemical materials for aerospace flight. V. Series: NASA contractor report ; 175406. OCLC 11743641

85-13439

NAS 1.26:175407

Schlinger, Charles Martin.

The magnetic petrology of the deep crust and the interpretation of regional magnetic anomalies [microform] / by Charles Schlinger. — Baltimore, Md. : Johns Hopkins University, 1983.

1 v. : ill., maps ; 28 cm. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1983?]. 3 microfiches ; 11 x 15 cm. Bibliography: p. 222-240. "N84-20041"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Petrology. 2. Magnetic anomalies—United States. I. Johns Hopkins University. II. United States. National Aeronautics and Space Administration. III. Title. OCLC 11654323

85-13440

NAS 1.26:175409

Lunar and Planetary Science Conference (15th : 1984 : Houston, Tex.)

Press abstracts : fifteenth lunar and planetary science conference, March 12-16, 1984 [microform] / compiled by the Lunar and Planetary Institute. — Houston, TX : National Aeronautics and Space Administration, Lyndon B. Johnson Space Science Center, 1984.

1 v. : ill. ; 28 cm. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "N84-21448 thru N84-21464"—Microfiche header. "LPI contribution 526." ●Item 830-H-14 (microfiche)

1. Astronomy—United States—Congresses. I. Lunar and Planetary Institute. II. Lyndon B. Johnson Space Center. III. Title. IV. Title: Fifteenth lunar and planetary science conference, March 12-16, 1984. OCLC 11654307

85-13441

NAS 1.26:175410

Simpson, R. L.

Final report to The National Aeronautics and Space Administration, Langley Research Center on grant NAG-317 entitled an experimental study of the properties of surface pressure fluctuations in strong adverse pressure gradient turbulent boundary layers, 1 December 1982 to 31 January 1984 [microform] / Roger L. Simpson, principal investigator. — Dallas, Tex. : Southern Methodist University, [1984]

1 v. ; 28 cm. Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "25 March 1984." Bibliography: p. [5] "N84-20488"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Turbomachines—Blades—Noise. I. Langley Research Center. II. Southern Methodist University. III. Title. IV. Title: An experimental study of the properties of surface pressure fluctuations in strong adverse pressure gradient turbulent boundary layers. OCLC 11654293

85-13442

NAS 1.26:175411

Research in space physics at the University of Iowa : annual report for 1982 [microform] / prepared by professors James A. Van Allen ... [et al.]. — Iowa City, Iowa : Dept. of Physics and Astronomy, The University of Iowa, [1983]

1 v. ; 28 cm. "Support by the Office of Naval Research and NASA headquarters"—P. 3. Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "July 1983." "N84-21447"—Microfiche header. ●Item 830-H-14 (microfiche)

1. University of Iowa. Dept. of Physics and Astronomy. 2. Astrophysics—Research. I. Van Allen, James Alfred, 1914-. II. University of Iowa. Dept. of Physics and Astronomy. III. United States. Office of Naval Research. IV. United States. National Aeronautics and Space Administration. OCLC 11654268

85-13443

NAS 1.26:175412

Walklet, Donn C.

Alternative strategies for space station financing [microform] / submitted to Innovative Utilization of the Space Station Program, Office of Space Science and Applications, National Aeronautics and Space Administration ; submitted by

# National Aeronautics and Space Administration

Donn C. Walklet, A. Tracy Heenan. — Mountain View, Calif. : Terra-Mar, [1983]

I v. : ill. ; 28 cm. Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1983?]. 1 microfiche ; 11 x 15 cm. "September 1, 1983." Includes bibliographical references. "N84-21437"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Space stations—Finance. I. Heenan, A. Tracy. II. United States. Office of Space Science and Applications. III. Terra-Mar. IV. Title. OCLC 11654287

85-13444

NAS 1.26:175413

Knight, J. C. (John C.)

The implementation and use of Ada on distributed systems with high reliability requirements: final report [microform] / John C. Knight, Samuel T. Gregory, John I.A. Urquhart. — Hampton, Va. : National Aeronautics and Space Administration, Langley Research Center, [1984]

I v. : ill. ; 28 cm. "Department of Applied Mathematics and Computer Science, University of Virginia." Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 2 microfiches ; 11 x 15 cm. "February 1984." Includes bibliographical references. "N84-22228"—Microfiche header. "Report no. UVA/528213/AMCS84/104"—Cover. ●Item 830-H-14 (microfiche)

1. Electronic data processing—United States—Distributed processing. 2. Ada (Computer program language) I. Gregory, Samuel T. II. Urquhart, John I. A. III. Langley Research Center. IV. University of Virginia. Dept. of Applied Mathematics and Computer Science. V. Title. OCLC 11654337

85-13445

NAS 1.26:175414

Howell, R. R.

The plumes of IO : a detection of solid sulfur dioxide particles [microform] / R.R. Howell and D.P. Cruikshank, T.R. Geballe. — Honolulu, Hawaii : University of Hawaii, Institute for Astronomy, [1984?]

I v. : ill. ; 28 cm. Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984?]. 1 microfiche ; 11 x 15 cm. Includes bibliographical references. "N84-22523"—Microfiche header. "NASA grant NGL 12-001-057"—P. 9. ●Item 830-H-14 (microfiche)

1. Sulphur dioxide. 2. Stars—Observations. 3. Stars—Temperature. 4. Plumes (Fluid dynamics) I. Cruikshank, Dale P. II. Geballe, T. R. III. University of Hawaii at Manoa. Institute for Astronomy. IV. United States. National Aeronautics and Space Administration. V. Title. OCLC 11654316

85-13446

NAS 1.26:175422

Research opportunities in muscle atrophy [microform] / prepared for The Life Sciences Division, Office of Space Science and Applications, National Aeronautics and Space Administration under contract no. NASW 3728 ; edited by G.J. Herbison, J.M. Talbot. — Bethesda, Md. : Life Sciences Research Office, Federation of American Societies for Experimental Biology, [1984]

I v. : 28 cm. At head of title: Final report phase IV. Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "January 1984." Includes bibliographies. "N84-20135"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Atrophy, Muscular—Research. I. Herbison, G. J. II. Talbot, J. M. III. United States. National Aeronautics and Space Administration. Life Sciences Division. IV. Federation of American Societies for Experimental Biology. Life Sciences Research Office. OCLC 11654331

Page 204

85-13447

NAS 1.26:175423

Lo, Y. T.

Semi-annual report for numerical methods for analyzing electromagnetic scattering, September 25, 1983 to March 24, 1984 [microform] / submitted to National Aeronautics and Space Administration, Lewis Research Center ; prepared by Professor Y.T. Lo and S.W. Lee. — Urbana, IL : Electromagnetics Laboratory, Dept. of Electrical and Computer Engineering, University of Illinois, [1984]

I v. : ill. ; 28 cm. Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "March 23, 1984." "N84-19620"—Microfiche header. "Grant no. NAG-3-475." ●Item 830-H-14 (microfiche)

1. Electromagnetic waves—Scattering—Mathematical models. I. Lee, S. W. II. Lewis Research Center. III. University of Illinois at Urbana-Champaign. Electromagnetics Laboratory. IV. Title. V. Title: Numerical methods for analyzing electromagnetic scattering, September 25, 1983 to March 24, 1984. OCLC 11654281

85-13448

NAS 1.26:175424

Lilley, Robert W.

Processor-controlled timing module for Loran-C receiver [microform] / by Robert W. Lilley ; prepared for NASA Langley Research Center. — Athens, Ohio : Avionics Engineering Center, Dept. of Electrical and Computer Engineering, Ohio University, [1984]

I v. : ill. ; 28 cm. — (Technical memorandum (NASA) ; 90) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "February 1984." Bibliography: p. 10. "N84-20504"—Microfiche header. "Contract NGR 36-009-017." ●Item 830-H-14 (microfiche)

1. Loran. 2. Timing circuits. I. Langley Research Center. II. Ohio University. Avionics Engineering Center. III. Title. IV. Series: NASA technical memorandum ; 90. OCLC 11654298

85-13449

NAS 1.26:175425

Sonett, Charles P.

Development INTERDATA 8/32 computer system [microform] / C.P. Sonett. — [Washington, D.C. : National Aeronautics and Space Administration, 1983]

I v. : ill. ; 28 cm. — (NASA-CR ; 175425) Microfiche. [Washington, D.C. : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Dept. of Planetary Sciences and Lunar and Planetary Laboratory, University of Arizona." "March 1983." "Grant NSG 7024." "N84-20197"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Planetology—Computer programs. I. United States. National Aeronautics and Space Administration. II. University of Arizona. Dept. of Planetary Science. III. University of Arizona. Lunar and Planetary Laboratory. IV. Title. V. Series: NASA contractor report ; 175425. OCLC 11662962

85-13450

NAS 1.26:175428

Walck, Marianne C.

The upper mantle beneath the Cascade Range [microform] : a comparison with the Gulf of California / Marianne C. Walck. — [Washington, D.C. : National Aeronautics and Space Administration, 1984]

I v. : ill., maps ; 28 cm. — (NASA-CR ; 175428) Microfiche. [Washington, D.C. : National Aeronautics and Space

Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. "March 18, 1984." Bibliography: p. 31-36. "N84-20970"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Seismology—California. 2. Earth movements—California. I. United States. National Aeronautics and Space Administration. II. Title. III. Series: NASA contractor report ; 175428. OCLC 11663035

85-13451

NAS 1.26:175430

Frank, William M.

Kinematic analysis of Hurricane Frederick (1979) using satellite, aircraft and rawinsonde data [microform] / William M. Frank, Edward B. Rodgers. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175430) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report on NASA grant NAG5-102." "Department of Meteorology, The Pennsylvania State University." "Mar. 1984"—Microfiche header. Bibliography: p. 59. "N84-20988"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Hurricanes—1979. 2. Rawinsondes. I. Rodgers, Edward B. II. United States. National Aeronautics and Space Administration. III. Pennsylvania State University. Dept. of Meteorology. IV. Title. V. Series: NASA contractor report ; 175430. OCLC 11663021

85-13452

NAS 1.26:175431

Leach, John, 1956-

The impulsive hard x-rays from solar flares [microform] / by John Leach. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175431) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 4 microfiches ; 11 x 15 cm. "Center for Space Science and Astrophysics, Stanford University." "February 1984." Bibliography: p. 272-284. "Grant NSG-7092." "CSSA-ASTRO-84-06." "N84-21480"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Solar flares. 2. X-rays. I. United States. National Aeronautics and Space Administration. II. Stanford University. Center for Space Science and Astrophysics. III. Title. IV. Series: NASA contractor report ; 175431. OCLC 11663015

85-13453

NAS 1.26:175433

Shot noise limited detection of OH using the technique of laser induced fluorescence [microform] / Donovan M. Bakalyar ... [et al.]. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175433) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. Caption title. Includes bibliographical references. "N84-20844"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Fluorescence. 2. Troposphere. I. Bakalyar, Donovan M. II. United States. National Aeronautics and Space Administration. III. Series: NASA contractor report ; 175433. OCLC 11663026

85-13454

NAS 1.26:175434

Greeley, Ronald.

Feasibility study to conduct windblown sediment experiments aboard a space station [microform] / by Ronald Greeley and James D. Iversen ; submitted to National Aeronautics and Space Administration. — [Washington, D.C.? : The Administration, 1983]

1 v. : ill. ; 28 cm. — (NASA-CR ; 175434) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report to contract NASW-3741." "Department of Geology, Arizona State University." "Submitted 30 August 1983." Bibliography: p. 14. "N84-21586"—Microfiche header. ●Item 830-H-14 (microfiche)

1. Sediments (Geology)—United States. 2. Space stations. I. Iversen, James D. II. United States. National Aeronautics and Space Administration. III. Arizona State University. Dept. of Geology. IV. Title. V. Series: NASA contractor report ; 175434. OCLC 11662996

85-13455

NAS 1.26:177276

Hughes, B. Mason.

Manufacture of DPFC-DMS polymer in the SKG range [microform] / B. Mason Hughes, principal investigator, Donald R. Owen, principal investigator, Jean H. Futrell. — [Washington, D.C.? : National Aeronautics and Space Administration, 1984]

1 v. : ill. ; 28 cm. — (NASA-CR ; 166276) Microfiche. [Washington, D.C.? : National Aeronautics and Space Administration, 1984]. 1 microfiche ; 11 x 15 cm. "Final report to the National Aeronautics Space Administration." "University of Utah, Flammability Research Center." "N84-27888"—Microfiche header. "Contract #NAS2-10064." ●Item 830-H-14 (microfiche)

1. Polymers and polymerization. I. Owen, Donald R. II. Futrell, J. H. III. United States. National Aeronautics and Space Administration. IV. University of Utah. Flammability Research Center. V. Title. VI. Series: NASA contractor report ; 166276. OCLC 11668479

85-13456

NAS 1.55:2307

Assessment of alternative aircraft fuels : proceedings of a conference held at NASA Lewis Research Center, Cleveland, Ohio, November 2-3, 1983. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

vi, 191 p. : ill. ; 28 cm. — (NASA conference publication ; 2307) Distributed to depository libraries in microfiche. Includes bibliographical references. Lewis Research Center. ●Item 830-H-10 (microfiche)

1. Airplanes—Fuel—Congresses. 2. Airplanes—Turbojet engines—Congresses. 3. Shale oils—Refining—Congresses. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Lewis Research Center. III. Series. OCLC 10976318

85-13457

NAS 1.55:2316

Global biology research program: biogeochemical processes in wetlands : report of a workshop conducted at Arlington, Virginia, March 22-24, 1983 / David S. Bartlett. — [Washington, D.C.] : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

iii, 39 p. : ill. ; 28 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 35-39. ●Item 830-H-10 (microfiche)

1. Biogeochemical cycles—Congresses. 2. Wetlands—Remote sensing—Congresses. I. Bartlett, David S. OCLC 11407826

# National Aeronautics and Space Administration

85-13458

NAS 1.55:2343/pt. 2

Planetary Data Workshop (1983 : Greenbelt, Md.)

Planetary Data Workshop : part 2 : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984. v. : ill. ; 28 cm. — (NASA conference publication ; 2343, part 2) Distributed to depository libraries in microfiche. Subject category 91. ●Item 830-H-10 (microfiche)

1. Astronomy — Data processing — Congresses. 2. Planets — Congresses. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Title. III. Series. OCLC 11700135

85-13459

NAS 1.55:2343/pt.1

Planetary Data Workshop (1983 : Greenbelt, Md.)

Planetary Data Workshop : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983/ Hugh H. Kieffer. — Washington, D.C. : NASA, Scientific and Technical Information Branch, [1984-]

v. : ill. ; 28 cm. — (NASA conference publication ; 2343, pt.1.) Distributed to depository libraries in microfiche. ●Item 830-H-10

1. Astronomy — Data processing — Congresses. 2. Planets — Congresses. I. Kieffer, Hugh H. II. Title. III. Series. OCLC 11333543

85-13460

NAS 1.60:2217

Mueller, Arnold W.

Study of stator-vane fluctuating pressures in a turbofan engine for static and flight tests / Arnold W. Mueller. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

51 p. : ill. ; 28 cm. — (NASA technical paper ; 2217) Distributed to depository libraries in microfiche. "April 1984"—Cover. Includes bibliographical references. Subject category 71. National Aeronautics and Space Administration. ●Item 830-H-15 (microfiche)

1. Airplanes — Noise. 2. Airplanes — Turbine-propeller engines. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Title. III. Series. OCLC 11770206

85-13461

NAS 1.60:2322

Joshi, Suresh M.

Regions of attraction and ultimate boundedness for linear quadratic regulators with nonlinearities / Suresh M. Joshi. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

31 p. : ill. ; 28 cm. — (NASA technical paper ; 2322) Distributed to depository libraries in microfiche. "July 1984"—Cover. Includes bibliographical references. Subject category 63. ●Item 830-H-15 (microfiche)

1. Multivariate analysis. 2. Stability. 3. Electric current regulators. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Title. III. Series. OCLC 11740100

85-13462

NAS 1.60:2343

Noor, Ahmed Khairy, 1938-

Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires / Ahmed K. Noor, Carl M. Andersen, John A. Tanner. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

iii, 53 p. : ill. ; 28 cm. — (NASA technical paper ; 2343) Distributed to depository libraries in microfiche. "October 1984." Includes bibliographical references. Subject category 39. ●Item 830-H-15 (microfiche) STRN: L-15802

1. Shells (Engineering) — Mathematical models. 2. Nonlinear theories. 3. Tires, Rubber. I. Andersen, Carl M. (Carl Marius), 1930-. II. Tanner, John A. III. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. IV. Title. V. Series. OCLC 11750759

85-13463

NAS 1.60:2348

An experimental and theoretical investigation of deposition patterns from an agricultural airplane / Dana J. Morris ... [et al.]. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

154 p. : ill. ; 28 cm. — (NASA technical paper ; 2348) Distributed to depository libraries in microfiche. "September 1984"—Cover. Includes bibliographical references. Subject category 02. ●Item 830-H-15 (microfiche)

1. Aeronautics in agriculture — United States — Data processing. 2. Aerial spraying and dusting in agriculture — United States — Data processing. I. Morris, Dana J. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Series. OCLC 11700147

85-13464

NAS 1.60:2358

Block, P. J. W.

Analysis of noise measured from a propeller in a wake / P.J.W. Block. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

iii, 45 p. : ill. ; 28 cm. — (NASA technical paper ; 2358) Distributed to depository libraries in microfiche. "November 1984"—Cover. Includes bibliographical references. Subject category 71. ●Item 830-H-15 (microfiche)

1. Airplanes — Noise. 2. Wakes (Aerodynamics) 3. Propellers, Aerial. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Title. III. Series. OCLC 11770155

85-13465

NAS 1.60:2359

Combustion gas properties : I-ASTM jet A fuel and dry air / Robert E. Jones ... [et al.]. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch ; [Springfield, Va. : For sale by the National Technical Information Service], 1984.

9 p. : ill. ; 28 cm. — (NASA technical paper ; 2359) Distributed to depository libraries in microfiche. "October 1984"—Cover. Includes bibliographical references. STAR category 07. ●Item 830-H-15 (microfiche)

1. Jet planes — Fuel. 2. Combustion. I. Jones, Robert Earl. 1926- II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Series. OCLC 11697697

85-13466

NAS 1.60:2366

Schiess, James R.

Rational-spline approximation with automatic tension adjustment / James R. Schiess and Patricia A. Kerr. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch : [Springfield, Va. : For sale by the National Technical Information Service], 1984.

10 p. : ill. ; 28 cm. — (NASA technical paper ; 2366) Distributed to depository libraries in microfiche. "October 1984"—Cover. Includes bibliographical references. Subject category 64. ●Item 830-H-15 (microfiche)

1. Curve fitting. 2. Least squares. I. Kerr, Patricia A. II. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. III. Title. IV. Series. OCLC 11684835

85-13467

NAS 1.60:2372

Radhakrishnan, Krishnan.

Comparison of numerical techniques for integration of stiff ordinary differential equations arising in combustion chemistry / Krishnan Radhakrishnan. — Washington, D.C. : National Aeronautics and Space Administration, Scientific and Technical Information Branch : [Springfield, Va. : For sale by the National Technical Information Service], 1984.

38 p. : ill. ; 28 cm. — (NASA technical paper ; 2372) Distributed to depository libraries in microfiche. "October 1984"—Cover. Includes bibliographical references. STAR category 07. ●Item 830-H-15 (microfiche) STRN: E-2149

1. Differential equations. 2. Chemistry. 3. Combustion. I. United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch. II. Title. III. Series. OCLC 11750780

# **NATIONAL ENDOWMENT FOR THE ARTS** **National Foundation on the Arts and the Humanities** **Washington, DC 20506**

85-13468

NF 2.8:D 46/986

Design arts. [Washington] : National Endowment for the Arts, 1979-

v. ; 28 cm.

Annual

1980/81- Title from cover. Report covers fiscal year 1986. Application guidelines. Architecture, landscape architecture, urban design and planning, interior design, industrial design, graphic design, fashion design. ●Item 831-B-2 Continues: Architecture, planning and design

1. National Endowment for the Arts—Periodicals. 2. Commercial art—United States—Periodicals. 3. Federal aid to the arts—United States—Periodicals. I. National Endowment for the Arts. OCLC 05986865

85-13469

NF 2.8:M 46/986

Media arts, film/radio/television. [Washington, D.C.] : National Endowment for the Arts, National Endowment for the Arts, 2401 E St., NW, Washington, D.C. 20506

v. ; 28 cm.

Annual

1978- At head of title: Application guidelines. Title from cover. Report covers fiscal year 1986. Vols. for 1982 and

1983 issued together. ●Item 831-B-2 ISSN 0737-5670 Continues: Public media

1. Federal aid to the arts—United States—Periodicals. 2. Mass media and the arts—United States—Periodicals. I. National Endowment for the Arts. sc-83004212 OCLC 03815339

## **NATIONAL ENDOWMENT FOR THE** **HUMANITIES**

**National Foundation on the Arts and the Humanities**  
**Washington, DC 20506**

85-13470

NF 3.8:M 46/3

Humanities projects in media : guidelines and application instructions. — Washington, D.C. : National Endowment for the Humanities, Division of General Programs, [1983]

27 p. : forms ; 28 cm. Cover title. "October 1983."

●Item 831-B-1

1. Grants-in-aid—United States. I. National Endowment for the Humanities. Division of General Programs. OCLC 11766109

## **NATIONAL SCIENCE FOUNDATION**

**Washington, DC 20550**

85-13471

NS 1.2:M 91

Directory of multidisciplinary user facilities partially supported by the National Science Foundation. — Washington, D.C. : The Foundation, [1984?]

13 p. ; 28 cm. Cover title. "NSF 84-7"—P. [4] of cover.

1. Research institutes—United States—Directories. I. National Science Foundation (U.S.) OCLC 11765544

85-13472

NS 1.2:R 31/37

National Science Foundation (U.S.)

Research in undergraduate institutions. — Washington, D.C. : National Science Foundation, [1985]

i, 9 p. : forms ; 28 cm. — (Program announcement) Cover title. "12/31/85." "OMB no. 3145-0058." "NSF 83-79"—P. [4] of cover.

1. Federal aid to research—United States. 2. Scientific apparatus and instruments. I. Title. II. Series: Program announcement (National Science Foundation (U.S.). Division of International Programs) OCLC 10159508

85-13473

NS 1.2:Sp 1

National Science Foundation (U.S.). Division of International Programs.

United States-Spain cooperative program in basic sciences. — Washington, D.C. : National Science Foundation, Division of International Programs, [1985]

8 p. : forms ; 28 cm. — (Program announcement) Cover title. "12/31/85." "NSF 84-10"—P. [4] of cover. "OMB no. 3145-0058."

1. Research—United States. 2. Research—Spain. 3. International cooperation. I. Title. II. Series: Program announcement (National Science Foundation (U.S.). Division of International Programs) OCLC 11765574

85-13474

NS 1.22:AC 1/3/982/tables

Academic science/engineering. R & D funds. Washington, D.C. : National Science Foundation, [1983- National Science Foundation, Washington, D.C. 20550

v. ; 29 cm. (Surveys of science resources series)

## United States Postal Service

### Annual

Fiscal year 1981- Includes detailed statistical tables. Fiscal year 1982. ●Item 834-T (microfiche) Continues: Academic science. R & D funds ISSN 0278-5110

1. Research—United States—Finance—Periodicals. 2. Engineering—Research—United States—Finance—Periodicals. 3. Universities and colleges—United States—Finance—Periodicals. 4. Science—Study and teaching (Higher)—United States—Statistics—Periodicals. I. National Science Foundation (U.S.) II. Series. sn-85019139 OCLC 09699506

85-13475

NS 1.2:D 65/2/960-81

Science and engineering doctorates. Washington, D.C. : National Science Foundation, [1983- National Science Foundation, Washington, D.C. 20550

v. : ill. ; 29 cm.

### Annual

1960-81- "Special report." "NSF 83-309." 1960-81. Vols. for (1960-82-) distributed to depository libraries in microfiche. ●Item 834-T (microfiche)

1. Scientists—United States—Statistics—Periodicals. 2. Engineers—United States—Statistics—Periodicals. 3. Scientists—Employment—United States—Statistics—Periodicals. 4. Engineers—Employment—United States—Statistics—Periodicals. I. National Science Foundation (U.S.) OCLC 09656485

## UNITED STATES POSTAL SERVICE

Washington, DC 20260

85-13476

P 1.2:C 73/4

EEO : USPS' commitment towards fulfillment of career goals = EEO : el compromiso del Servicio Postal para cumplir los objetivos profesionales : equal employment opportunity in the United States Postal Service. — Washington, D.C. : U.S. Postal Service, 1984.

[8] p. : ill. ; 22 x 10 cm. — (Publication ; 264) Cover title. "June 1984"—P. [4] of cover. ●Item 837

1. United States Postal Service 2. Affirmative action programs—United States. I. United States Postal Service. II. Series: Publication (United States Postal Service) ; 264. OCLC 11691429

85-13477

P 1.2:D 62/2

United States Postal Service.

Customer services national telephone directory. — [Washington, D.C.] : U.S. Postal Service, 1984-

1 v. (loose-leaf) : 1 map ; 28 cm. Cover title. ●Item 837

1. United States Postal Service 2. United States Postal Service. Customer Services Dept. 3. Customer service—United States. I. Title. OCLC 11685323

85-13478

P 1.2:M 28/16

Preparing business and courtesy reply mail. — [Washington, D.C.?] : U.S. Postal Service, 1984.

12 p. : ill. ; 21 cm. — (Publication ; 12) Cover title. "September 1984." ●Item 837

1. Postal service—United States—Business-reply mail. I. United States Postal Service. II. Series: Publication (United States Postal Service) ; 12. OCLC 11699786

85-13479

P 1.10/9:66-31/985

Nevada, Utah ZIP4 state directory / prepared by the Address Information Systems Division, Delivery Services Department. Washington, DC : United States Postal Service, 1984, c1985- St. Louis PDC, ZIP4 State Directory Orders, P.O. Box 14921, St. Louis, MO 63180-9988

v. : ill., maps ; 28 cm.

### Annual

[1985]- Spine title: ZIP4 state directory. Nevada, Utah "PUB. 66-31"—Cover. 1985. Vols. for 1985- are numbered on spine: 40. ●Item 839-A-3

1. Zip code—Nevada—Directories. 2. Zip code—Utah—Directories. 3. Postal service—Nevada—Directories. 4. Postal service—Utah—Directories. I. United States Postal Service. Address Information Systems Division. OCLC 11663127

85-13480

P 1.10/9:66-34/985

Washington ZIP4 state directory / prepared by the Address Information Systems Division, Delivery Services Department. Washington, DC : United States Postal Service, 1984, c1985- St. Louis PDC, ZIP4 State Directory Orders, P.O. Box 14921, St. Louis, MO 63180-9988

v. : ill., maps ; 28 cm.

### Annual

[1985]- Spine title: ZIP4 state directory. Washington "PUB. 66-34"—Cover. 1985. Vols. for 1985- are numbered on spine: 46. ●Item 839-A-3

1. Zip code—Washington (State)—Directories. 2. Postal service—Washington (State)—Directories. I. United States Postal Service. Address Information Systems Division. OCLC 11662942

## PEACE CORPS

Washington, DC 20525

85-13481

PE 1.2:B 96/984

Business. — [Washington, D.C.] : Peace Corps, [1984?]

1 folded sheet (8 p.) : ill. ; 23 x 10 cm. "PC 5020"—P. [8]

●Item 900-D

1. Peace Corps (U.S.) 2. Technical assistance, American. I. Peace Corps (U.S.) OCLC 11769940

85-13482

PE 1.2:C 73/984

Community development. — [Washington, D.C.] : Peace Corps, [1984?]

1 folded sheet (8 p.) : ill. ; 23 x 10 cm. "PC 5037"—P. [8]

●Item 900-D

1. Peace Corps (U.S.) 2. Technical assistance, American. 3. Community development. I. Peace Corps (U.S.) OCLC 11769945

85-13483

PE 1.2:En 3/984

Engineering. — [Washington, D.C.] : Peace Corps, [1984?]

1 folded sheet (8 p.) : ill. ; 23 x 10 cm. "PC 5001"—P. [8]

●Item 900-D

1. Peace Corps (U.S.) 2. Technical assistance, American. I. Peace Corps (U.S.) OCLC 11769880

85-13484

PE 1.2:F 76/984

Forestry/fisheries. — [Washington, D.C.] : Peace Corps, [1984?]

1 folded sheet (8 p.) : ill. ; 23 x 10 cm. "PC 5028"—P. [8]

●Item 900-D

1. Peace Corps (U.S.) 2. Technical assistance, American.
3. Forests and forestry. I. Peace Corps (U.S.) OCLC 11769917

85-13485

PE 1.10:R-29

Water purification, distribution and sewage disposal for Peace Corps volunteers / prepared by Volunteers for International Technical Assistance, Inc. in accordance with contract PC 25-1709. — Washington, D.C. : Peace Corps, Information Collection and Exchange, 1984.

1 v. (loose-leaf) : ill. ; 28 cm. — (Reprint ; R-29) (Manual/Peace Corps, Information Collection & Exchange ; M-29) (Appropriate technologies for development) "September 1981." "September 1982." Bibliography: p. 242-243. ●Item 74-E

1. Water — Purification. 2. Water — Distribution. 3. Sewage disposal. I. Volunteers for International Technical Assistance. II. Peace Corps (U.S.). Information Collection and Exchange. III. Series. IV. Series: Reprint (Peace Corps (U.S.). Information Collection and Exchange) ; R-29. V. Series: Manual (Peace Corps (U.S.). Information Collection and Exchange) ; M 29. OCLC 11765699

## PERSONNEL MANAGEMENT OFFICE

Washington, DC 20415

85-13486

PM 1.2:N 63

National Independent Study Center (U.S.)

NISC course catalog. — Denver, CO : National Independent Study Center, [1984?]

57 p. : ill. ; 22 cm. "Fiscal year 1985." ●Item 295

1. National Independent Study Center (U.S.) I. Title. OCLC 11684874

85-13487

PM 1.10/2:AF 2/982

Affirmative employment statistics. Washington, D.C. : U.S. Office of Personnel Management, Compliance and Investigations Group, Office of Workforce Information, [1982- U.S. Office of Personnel Management, Compliance and Investigations Group, Office of Workforce Information, 1900 E St., N.W., Washington D.C.

v. ; 28 cm. (Federal civilian workforce statistics) (Pamphlet ; CIG-82-71)

Biennial

Sept. 30, 1982- Sept. 30, 1982. Vols. for Sept. 30, 1982- distributed to depository libraries in microfiche. ●Item 299 (microfiche) Continues: Equal employment opportunity statistics

1. Civil service — United States — Minority employment — Statistics — Periodicals. 2. Minorities — Employment — United States — Statistics — Periodicals. 3. United States — Officials and employees — Statistics — Periodicals. I. United States. Office of Personnel Management. Office of Workforce Information. II. Series. III. Series: Pamphlet (United States. Office of Personnel Management) ; CIG-82-71. PAR 84-644667 OCLC 10813980

85-13488

PM 1.28:720-B/2

Handbook of job analysis for reasonable accommodation. — Washington, D.C. : U.S. Office of Personnel Management : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

16 p. : ill. ; 23 cm. — (Personnel management series ; PMS 720-B) Cover title. "July 1984." ●Item 300-A S/N 006-000-01304-0 @ GPO \$1.00

1. Handicapped — Employment — United States. 2. Handicapped — Services for — United States. 3. Job analy-

- sis. I. United States. Office of Personnel Management. II. Series: Personnel management series (United States. Office of Personnel Management) ; PMS-720-B. OCLC 11731690

85-13489

PM 1.31/4:At 8

United States Postal Service.

Supervisors guide to attendance improvement. — [Washington, D.C.?] : U.S. Postal Service, [1984- ]

1 v. (loose-leaf) : forms ; 28 cm. Cover title. "May, 1984." "EL-501." ●Item 296-B

1. Supervision of employees — Handbooks, manuals, etc. I. Title. OCLC 11765739

85-13490

PM 1.44:984/supp.

Index to information (United States. Office of Personnel Management. Library)

Index to information. [Washington, D.C.?] : U.S. Office of Personnel Management, Library, U.S. Office of Personnel Management, Internal Distribution Subunit, Room B443, 1900 E. St., N.W., Washington, D.C., 20415

v. ; 27 cm. (OPM document ; no. 1)

Annual, with quarterly supplements Sept. 1984, supplement to the June 1984 issue. Description based on: June 1980; title from cover. Annual for 1981 not published; replaced by cumulative supplement, dated June 1981. ●Item 290-T

1. United States. Office of Personnel Management — Bibliography — Periodicals. 2. United States — Government publications — Bibliography — Periodicals. I. United States. Office of Personnel Management. Library. II. Series. sn-84012624 OCLC 08748696

85-13491

PM 1.49:T 68

Training and planning guide for management analysts. — [Washington, D.C.?] : U.S. Office of Personnel Management, Office of Training and Development, Management Sciences Training Institute, [1984?]

[4] p. ; 28 cm. — (Management analysis series) "WDM 23HB 2-84." ●Item 290-H-5

1. Civil service — United States — Management. I. Management Sciences Training Institute (U.S.) II. Series. OCLC 11770507

## PRESIDENT OF THE UNITED STATES

85-13492

Pr 40.8:Ad 9/P 94

Restoring productivity growth in America : a challenge for the 1980's : a report to the President of the United States and the Secretary of the Treasury. — [Washington, D.C.?] : National Productivity Advisory Committee, [1983]

v. 62 p. ; 24 cm. "December 1983." ●Item 851-J

1. Industrial productivity — United States. I. United States. National Productivity Advisory Committee. OCLC 10839223

85-13493

Pr 40.8:Ex 3/Ex 3/985-86

The Federal sector / the President's Commission on Executive Exchange. [Washington, D.C.] : The Commission, [1984? - President' Commission on Executive Exchange, The White House, 744 Jackson Place, N.W., Washington, D.C. 20503

v. ; 23 x 10 cm.

1985-86- Title from cover. 1985-86. ●Item 851-J Continues: President's Executive Exchange Program : the federal sector

## Management and Budget Office — Executive Office of the President

1. Executives—United States—Periodicals. 2. Government executives—United States—Periodicals. I. United States. President's Commission on Executive Exchange. OCLC 11773030

85-13494

Pr 40.8:In 2/R 29

United States. Presidential Commission on Indian Reservation Economies.

Report and recommendations to the President of the United States. — Washington, D.C. : Presidential Commission on Indian Reservation Economies : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

ii, 132 p. : ill. ; 28 cm. Cover title. "November 1984."

●Item 851-J-3 S/N 040-000-00482-3 @ GPO \$7.50

1. Indians of North America—Economic conditions. 2. Indians of North America—Government relations. 3. Indians of North America—Reservations. I. Title. OCLC 11522990

85-13495

Pr 40.8:W 58/F 33/984

President's Commission on White House Fellowships (U.S.)

The White House fellowships. [Washington, D.C. : President's Commission on White House Fellowships, U.S. President's Commission on White House Fellowships, Washington, DC 20415

v. : ill., ports. ; 20 x 27 cm.

Annual

Began with 1975/76. Title from cover. Previously classed: Pr 36.8:W 58/F 33/2/ 1984. Description based on: 1983. ●Item 851-J ISSN 0149-2837 Continues: President's Commission on White House Fellowships. White House fellows

1. Civil service—Study and teaching (Internship)—United States—Periodicals. 2. Federal government—Scholarships, fellowships, etc.—United States—Periodicals. I. Title. sc-78002290 OCLC 03173117

85-13496

Pr 40.9:985

United States. President.

Economic report of the President transmitted to the Congress. [Dept. ed.] Washington : U.S. G.P.O. : For sale by Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill ; 24 cm.

Annual

\$8.00 The classification number changes with each new President. Feb. 1985. Description based on: 1981. Predicts Reports for 195 -19 include: The annual economic review by the Council of Economic Advisers (July issue has title: The economic situation at midyear). Reports for 19(76-) include: The annual report of the Council of Economic Advisers (title varies slightly). Vols. for 195 -19 accompanied by a supplementary report, dated July, with title: The midyear economic report. ●Item 848 S/N 040-000-00481-5 ISSN 0193-1180 Other editions available: United States. President. Economic report of the President transmitted to the Congress Document edition Continues: United States. President. Economic report of the President to the Congress Jan. 1947-Jan. 1949

1. United States—Economic policy—Periodicals. 2. United States—Economic conditions—1945—Periodicals. I. Council of Economic Advisers (U.S.). Annual economic review. II. Council of Economic Advisers (U.S.). Midyear economic report. III. Council of Economic Advisers (U.S.). Annual report of the Council of Economic Advisers. Key Title: Economic report of the President transmitted to the Congress IV. Title. HC106.5.A272 47-032975 //r512 330.973 OCLC 01193149

## MANAGEMENT AND BUDGET OFFICE

Executive Office of the President

Washington, DC 20503

85-13497

PrEx 2.2:F 49/3

Financial Management Conference [13th : 1984 : Washington, D.C.).

The Proceedings of the Thirteenth Annual Financial Management Conference : Financial management reform : where we are and where we're headed. — Washington, D.C. : The Joint Financial Management Improvement Program, [1984]

43 p. : ill. ; 28 cm. "April 16, 1984." ●Item 854

1. United States. Joint Financial Management Improvement Program. 2. Finance, Public—United States. I. United States. Joint Financial Management Improvement Program. II. Title. III. Title: Financial management reform. OCLC 11694281

85-13498

PrEx 2.8:986

United States. Office of Management and Budget.

Budget of the United States Government. [Dept. ed.] Washington, D.C. : Executive Office of the President, Office of Management and Budget : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402

v. : ill. ; 24 cm.

Annual

\$13.00

Began with 1971/72. Spine title: Budget of the U.S. Government FY 1983-1984 Title varies slightly. Description based on: Fiscal year 1982. Report covers fiscal year 1986. ●Item 853 S/N 041-001-00282-1 ISSN 0163-2000 Other editions available: United States. Office of Management and Budget. Budget of the United States Government Document edition Continues: United States. Bureau of the Budget. Budget of the United States Government ISSN 0163-2000 Related records: United States. Office of Management and Budget. Budget of the United States Government. Appendix

1. Budget—United States—Periodicals. I. Title. HJ2051.A59 70-611049 //r82 353.007/22 OCLC 00932137

85-13499

PrEx 2.8:986/app.

United States. Office of Management and Budget.

The budget of the United States Government. Appendix. [Dept. ed.] [Washington, D.C.] : Executive Office of the President of the U.S., Office of Management and Budget : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. ; 29 cm.

Annual

\$19.00

Began with 1971/72. Spine title: Budget of the U.S. Government FY 1983 Title from cover. Description based on: Fiscal year 1981. Report covers fiscal year 1986. ●Item 853 S/N 041-001-00283-9 Other editions available: United States. Office of Management and Budget. Budget of the United States Government. Appendix Document edition Continues: United States. Bureau of the Budget. Budget of the United States Government. Appendix (Dept. ed.) 1951/52-1970/71

1. Budget—United States—Periodicals. I. Title. OCLC 02862105

85-13500

PrEx 2.8/2:986

United States. Office of Management and Budget.

The United States budget in brief. [Washington, D.C.] : Executive Office of the President, Office of Management and Budget : [For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402 v. : ill. (some col.) ; 24 cm.

Annual  
\$2.50

Began with 1971/72. Cover title: U.S. budget in brief 1971/72-19 Title from cover. Description based on: FY 1982. Report covers fiscal year 1986. ●Item 855-A S/N 041-001-00284-7 Continues: Budget in brief

1. Budget—United States—Periodicals. I. Title. HJ2051.A5974 70-611022 //r84 353.007/22 OCLC 01227628

85-13501

PrEx 2.8/5:986

United States. Office of Management and Budget.

Special analyses, budget of the United States Government. Washington, D.C. : Executive Office of the President, Office of Management and Budget : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. ; 24 cm.

Annual  
\$8.00

Began with 1971/72. Description based on: Fiscal year 1982. Report covers fiscal year 1986. ●Item 855-B S/N 041-001-00285-5 ISSN 0362-9163 Continues: United States. Bureau of the Budget. Special analyses, budget of the United States ISSN 0565-0801

1. Budget—United States—Periodicals. I. Title. HJ2051.U52a 74-611023 //r82 353.007/22 OCLC 01241142

85-13502

PrEx 2.8/8:986

United States. Office of Management and Budget.

Historical tables, budget of the United States government. Washington : Executive Office of the President, Office of Management and Budget : For sale by the Supt. of Docs., U.S. G.P.O., 1985- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 27 cm.

Annual  
\$9.00

Fiscal year 1986- Report covers fiscal year 1986. ●Item 853 S/N 041-001-00288-0

1. Budget—United States—Periodicals. 2. Budget—United States—Statistics—Periodicals. 3. Budget—United States—History—Statistics—Periodicals. I. Title. sn-85020411 OCLC 11657350

85-13503

PrEx 2.20:984-2

Update to the ... Catalog of Federal domestic assistance. Washington, D.C. : Executive Office of the President, Office of Management and Budget : For sale by Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. ; 28 cm.

\$36.00 Title from cover. 1984, first update. Description based on: 1980, second update. ●Item 853-A-1 S/N 941-001-00000-9

1. Economic assistance, Domestic—United States—Periodicals. I. United States. Office of Management and Budget. HC110.P63U53b 76-641059 //r82 338.973 OCLC 02246467

# CENTRAL INTELLIGENCE AGENCY

## Executive Office of the President

Washington, DC 20505

85-13504

PrEx 3.10/4:Af 8/11

[United States. Central Intelligence Agency]

Africa. Scale 1:10,000,000. — [Washington, D.C. : Central Intelligence Agency, 1984]

1 map : col. ; 96 x 84 cm. "800232 (A00175) 12-84."

●Item 856-A-1

1. Africa—Maps. I. Title. OCLC 11766088

85-13505

PrEx 3.10/4:B 14

[United States. Central Intelligence Agency]

Bahrain. Scale [ca. 1:294,000] ; [E 50°20'—E 50°40'/N 26°10'—N 25°50']. — [Washington, D.C. : Central Intelligence Agency, 1980?]

1 map : col. ; 21 x 17 cm. Includes inset showing area disputed between Qatar and Bahrain. "Base 504552 7-80."

●Item 856-A-1

1. Bahrain—Maps. I. Title. OCLC 11766026

85-13506

PrEx 3.10/4:D 71 r

[United States. Central Intelligence Agency]

Dominican Republic. Scale [ca. 1:2,000,000] (W 72°—W 69°/N 20°—N 18°). — [Washington, D.C. : Central Intelligence Agency, 1970]

1 map : col. ; 17 x 25 cm. Relief shown by shading.

"Base 78964 10-70." ●Item 856-A-1

1. Dominican Republic—Maps. OCLC 08697408

85-13507

PrEx 3.10/4:D 71 r/2

[United States. Central Intelligence Agency]

Dominican Republic. Scale [ca. 1:2,000,000] (W 72°—W 69°/N 20°—N 18°). — [Washington, D.C. : Central Intelligence Agency, 1970]

1 map : col. ; 17 x 25 cm. Relief shown by shading.

"Base 78965 10-70." ●Item 856-A-1

1. Dominican Republic—Maps. I. Title. OCLC 11730776

85-13508

PrEx 3.10/4:Eu 7 a/7

[United States. Central Intelligence Agency]

Eastern Asia. Scale ca. 1:14,500,000. — [Washington, D.C. : Central Intelligence Agency, 1984]

1 map : col. ; 107 x 83 cm. "800019 (A03654) 4-84"

●Item 856-A-1

1. East Asia—Maps. OCLC 11374805

85-13509

PrEx 3.10/4:Eu 7/6

[United States. Central Intelligence Agency]

Europe. Scale 1:3,500,000 ; Lambert conformal conic proj. (W 12°—W 36°/N 60°—N 36°). — [Washington : Central Intelligence Agency, 1977]

1 map : col. ; 76 x 102 cm. "503342 5-77 (540498)."

●Item 856-A-1

1. Europe—Maps. I. Title. G5700 1977.U52 78-693170 /MAPS/r84 OCLC 05474002

85-13510

PrEx 3.10/4:G 99/2

United States. Central Intelligence Agency.

Guyana. Scale 1:2,500,000. (W 62°—W 56°/N 8°—N 2°). — [Washington, D.C.] : Central Intelligence Agency, [1973]

## State Department

1 map : col. ; 37 x 31 cm. on sheet 41 x 55 cm. Relief shown by shading and spot heights. Includes comparative area map, distance map, and subject maps of "Economic activity," "Vegetation," "Population," and "Ethnic groups" in margin. "500987 4-73." ●Item 856-A-1

1. Guyana — Maps. I. Title. G5250 1973.U51 74-690977 /MAPS OCLC 05415190

85-13511

PrEx 3.10/4:M 58/6

[United States. Central Intelligence Agency]

The Middle East. Scale 1:4,500,000 ; Lambert conformal conic proj., standard parallels 38°N and 12°N (E 20°—E 65°/N 40°—N 10°). — [Washington, D.C. : Central Intelligence Agency, 1981]

1 map : col. ; 87 x 97 cm. Relief shown by shading and spot heights. Depths shown by gradient tints. "504717 (543987) 1-81." Includes inset of a comparative area map showing radial distances from Jerusalem. ●Item 856-A-1

1. Near East — Maps. I. Title. G7420 1981.U5 84-692818 /MAPS OCLC 11212217

85-13512

PrEx 3.10/4:M 58/7

[United States. Central Intelligence Agency]

Middle East. Scale 1:5,500,000. — [Washington, D.C. : Central Intelligence Agency] 1984]

1 map : col. ; 83 x 106 cm. "800056 6-84." ●Item 856-A-1

1. Near East — Maps. I. Title. OCLC 11340254

85-13513

PrEx 3.10/4:N 51/3

[United States. Central Intelligence Agency]

Nicaragua. Scale [ca. 1:3,500,000] (W 88°—W 84°/N 14°—N 12°). — [Washington, D.C. : Central Intelligence Agency, 1980]

1 map : col. ; 17 x 17 cm. "Base 504507 5-80 (545340)." ●Item 856-A-1

1. Nicaragua — Maps. I. Title. OCLC 11766017

85-13514

PrEx 3.10/4:So 8/11

[United States. Central Intelligence Agency]

Permafrost regions in the Soviet Union. Scale [ca. 1:38,400,000] ; (E 30°—E 180°/N 80°—N 40°). — [Washington, D.C. : Central Intelligence Agency, 1984]

1 map : col. ; 16 x 24 cm. "800134 (545499) 12-84." ●Item 856-A-1

1. Frozen ground — Soviet Union — Maps. I. Title. OCLC 11664286

## STATE DEPARTMENT

Washington, DC 20520

85-13515

S 1.1:952-54/v.2/pt.1-2

United States. Dept. of State.

Foreign relations of the United States / Department of State, United States of America. [Departmental ed.] Washington : For sale by the Supt. of Docs., 1948- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. 2, pt. 1-2. (Department of State publication ; 9391)

Annual

\$28.00 (2 pt. set)

1932- Contents: v. 2. National security affairs. 1952-1954, v. 2, pts. 1-2. Vols. for 1932- issued in parts. ●Item 872 S/N 044-000-02025-4 (2 pt. set) Continues: United States. Dept. of State. Papers relating to the foreign relations of the United States

1. United States — Foreign relations — Periodicals. I. Title. II. Series. JX233.A3 10-003793 //r838 327.73 42 19 OCLC 07809779

85-13516

S 1.26:116

Misconceptions about U.S. policy toward Nicaragua / United States Department of State. — Washington, D.C. : The Department, [1984]

[12] p. : ill., 1 map ; 22 x 10 cm. — (Department of State publication ; 9407. Inter-American series ; 116) Cover title. "Released September 1984"—P. [2] of cover.

1. United States — Foreign relations — Nicaragua. 2. Nicaragua — Foreign relations — United States. 3. Nicaragua — Politics and government. I. United States. Dept. of State. II. Title: Misconceptions about US policy toward Nicaragua. III. Series: Department of State publication ; 9407. IV. Series: Department of State publication. Inter-American series ; 116. OCLC 11359811

85-13517

S 1.71/4:637

Burns, Arthur F. (Arthur Frank), 1904-

Reflections on East-West Relations : November 27, 1984. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, 1984.

3 p. ; 28 cm. — (Current policy ; no. 637) Caption title. ●Item 877-C

1. United States — Foreign relations — Germany — Addresses, essays, lectures. 2. Germany — Foreign relations — United States — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 637. OCLC 11667895

85-13518

S 1.71/4:639

Goodby, James E.

The Stockholm conference : a report on the first year : December 3, 1984. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1984]

3 p. ; 28 cm. — (Current policy ; no. 639) Caption title. ●Item 877-C

1. United States — Foreign relations — Soviet Union — Addresses, essays, lectures. 2. Soviet Union — Foreign relations — United States — Addresses, essays, lectures. 3. Security, International — Addresses, essays, lectures. 4. Arms control — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 639. OCLC 11682101

85-13519

S 1.71/4:643

United States. President (1981- : Reagan)

Rededication to the cause of human rights : December 10, 1984 / President Reagan. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, 1984.

3 p. ; 28 cm. — (Current policy ; no. 643) Caption title. ●Item 877-C

1. Civil rights — Addresses, essays, lectures. I. Reagan, Ronald. II. United States. Dept. of State. Office of Public Communication. Editorial Division. III. Title. IV. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 643. OCLC 11681918

85-13520

S 1.71/4:644

McCormack, Richard T.

The medium-term outlook for the world economy : November 22, 1984. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1984].

3 p. ; 28 cm. — (Current policy ; no. 644) Caption title. ●Item 877-C

1. International economic relations — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 644. OCLC 11683978

85-13521

S 1.71/4:645

Armocost, Michael H., 1937-

South Asia and U.S. foreign policy : December 12, 1984. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1984].

3 p. ; 28 cm. — (Current policy ; no. 645) Caption title. ●Item 877-C

1. United States — Foreign relations — Asia, Southeastern — Addresses, essays, lectures. 2. Asia, Southeastern — Foreign relations — United States — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 645. OCLC 11671479

85-13522

S 1.71/4:647

Dam, Kenneth W.

Geneva and beyond : new arms control negotiations : January 14, 1984. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1984].

3 p. ; 28 cm. — (Current policy ; no. 647) Caption title. ●Item 877-C

1. Arms control — Addresses, essays, lectures. 2. Nuclear nonproliferation — Addresses, essays, lectures. 3. United States — Foreign relations — Soviet Union — Addresses, essays, lectures. 4. Soviet Union — Foreign relations — United States — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 647. OCLC 11682162

85-13523

S 1.71/4:652

Armocost, Michael H., 1937-

Strength and diplomacy : toward a new consensus? — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, [1985].

3 p. ; 29 cm. — (Current policy ; no. 652) Caption title. "January 25, 1985." ●Item 877-C

1. United States — Foreign relations — Addresses, essays, lectures. 2. Diplomacy — Addresses, essays, lectures. 3. Democracy — Addresses, essays, lectures. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Title. III. Series: United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 652. OCLC 11778190

85-13524

S 1.114/3:Sci 1/v.1

Science, technology, and foreign affairs / edited by Diane B. Bendahmane and David William McClintock. — [Washington, D.C.] : U.S. Dept. of State, Foreign Service Institute, Center for the Study of Foreign Affairs, 1984 [i.e. 1985-]

v. ; 24 cm. — (Department of State publication) "Symposium on the Global Environment (July 1, 1982), the Communications Revolution (December 9, 1982), and Global Agriculture (June 2, 1983)" Bibliography: p. 142-143. Contents: v. 1. Global environment, communications, and agriculture. ●Item 872-A

1. Science and state — United States — Congresses. 2. Technology and state — United States — Congresses. 3. United States — Foreign relations — Congresses. I. Bendahmane, Diane B. II. McClintock, David William. III. Center for the Study of Foreign Affairs (U.S.) IV. Series. OCLC 11778270

85-13525

S 1.123:B 43/984

Background notes, Benin. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

6 p. : ill., 2 maps ; 28 cm. — (Department of State publication ; 8993. Background notes series) Caption title. "November 1984." Bibliography: p. 6. ●Item 862-B S/N 044-000-93603-8 @ GPO \$1.00

1. Benin — Description and travel. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Series: Department of State publication ; 8993. III. Series: Department of State publication. Background notes series. OCLC 11746368

85-13526

S 1.123:C 99/2/984

Background notes, Cyprus. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

12 p. : ill., 2 maps ; 28 cm. — (Department of State publication ; 7932. Background notes series) Caption title. "October 1984." Bibliography: p. 6. ●Item 862-B S/N 044-000-93604-6 @ GPO \$1.00

1. Cyprus — Description and travel. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Series: Department of State publication ; 7932. III. Series: Department of State publication. Background notes series. OCLC 11746139

85-13527

S 1.123:Ec 9/984

Background notes, Ecuador. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

8 p. : ill., 2 maps ; 28 cm. — (Department of State publication ; 7771. Background notes series) Caption title. "July 1984." Bibliography: p. 8. ●Item 862-B S/N 044-000-93605-4 @ c GPO \$1.00

1. Ecuador — Description and travel. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Series: Department of State publication ; 7771. III. Series: Department of State publication. Background notes series. OCLC 11752218

## State Department

85-13528

S 1.123:G 93/984

Background notes, Guatemala. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

6 p. : ill., 2 maps ; 28 cm. — (Department of State publication ; 7798. Background notes series) Caption title. "September 1984." Bibliography: p. 5. ●Item 862-B S/N 044-000-93606-2 @ GPO \$1.00

I. Guatemala—Description and travel. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Series: Department of State publication ; 7798. III. Series: Department of State publication. Background notes series. OCLC 11752389

85-13529

S 1.123:J 22/984

Background notes, Jamaica. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

6 p. : ill., 2 maps ; 28 cm. — (Department of State publication ; 8080. Background notes series) Caption title. "October 1984." Bibliography: p. 6. ●Item 862-B S/N 044-000-93607-1 @ GPO \$1.00

I. Jamaica—Description and travel. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Series: Department of State publication ; 8080. III. Series: Department of State publication. Background notes series. OCLC 11752384

85-13530

S 1.123:L 97/984

Background notes, Luxembourg. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

6 p. : ill., 2 maps ; 28 cm. — (Department of State publication ; 7856. Background notes series) Caption title. "October 1984." Bibliography: p. 4. ●Item 862-B S/N 044-000-93591-1 @ GPO \$1.00

I. Luxembourg—Description and travel. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Series: Department of State publication ; 7856. III. Series: Department of State publication. Background notes series. OCLC 11684079

85-13531

S 1.123:V 45/984

Background notes, Vatican City. — Washington, D.C. : U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

4 p. : ill., 2 maps ; 28 cm. — (Department of State publication ; 8258. Background notes series) Caption title. "November 1984." Bibliography: p. 4. ●Item 862-B S/N 044-000-93608-9 @ GPO \$1.00

I. Vatican City—Description and travel. I. United States. Dept. of State. Office of Public Communication. Editorial Division. II. Series: Department of State publication ; 8258. III. Series: Department of State publication. Background notes series. OCLC 11752239

85-13532

S 1.127:G 14/984

The Gambia, post report. — Rev. Nov. 1984. — Washington, D.C. : U.S. Dept. of State : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

12 p. : ill., 1 map ; 28 cm. — (Department of State publication ; 9399. Department and Foreign Service series ; 389)

Cover title. "November 1984." Bibliography: p. 12. ●Item 869-C S/N 044-000-02036-0 @ GPO \$1.25

I. Gambia—Description and travel. 2. United States—Diplomatic and consular service—Gambia. I. United States. Dept. of State. II. Series: Department of State publication ; 9399. III. Series: Department of State publication. Department and Foreign Service series ; 389. OCLC 11663467

85-13533

S 1.127:L 61/984

Liberia, post report. — Rev. Dec. 1984. — Washington, D.C. : U.S. Dept. of State : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

16 p. : ill., 1 map ; 28 cm. — (Department of State publication ; 9185. Department and Foreign Service series ; 232) Cover title. Bibliography: p. 16. ●Item 869-C S/N 044-000-02037-8 @ GPO \$1.50

I. Liberia—Description and travel. 2. United States—Diplomatic and consular service—Liberia. I. United States. Dept. of State. II. Series: Department of State publication ; 9185. III. Series: Department of State publication. Department and Foreign Service series ; 232. OCLC 11654289

85-13534

S 1.127:N 35/984

United States. Dept. of State.

Nepal : post report. — Rev. Dec. 1984. — Washington, D.C. : U.S. Dept. of State : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

27 p. : ill., 1 map ; 28 cm. — (Department of State publication ; 9169. Department and Foreign Service series ; 218) Cover title. Bibliography: p. 27. ●Item 869-C S/N 044-000-02040-8 @ GPO 1.75

I. Nepal—Description and travel. 2. United States—Diplomatic and consular service—Nepal. I. Title. II. Series: Department of State publication ; 9169. III. Series: Department of State publication. Department and Foreign Service series ; 218. OCLC 11747868

85-13535

S 1.128:Un 3/19/985

US prosperity and the developing countries. — [Washington, D.C.] : Bureau of Public Affairs, Dept. of State, [1985]

[2] p. ; 28 cm. — (Gist) Caption title. "January 1985."

●Item 864-B-4

I. International economic relations. I. United States. Dept. of State. Bureau of Public Affairs. II. Series. OCLC 11690448

85-13536

S 1.129:119

Implementation of Helsinki Final Act / by the President to the Commission on Security and Cooperation in Europe on the Implementation of the Helsinki Final Act. Washington, D.C. : [U.S. Dept. of State, Bureau of Public Affairs, Office of Public Communication, Editorial Division, 1981- Bureau of Public Affairs, U.S. Dept. of State, Washington, D.C., 20520 v. ; 28 cm. (Special report ; no. 119)

Semiannual

10th (Dec. 1, 1980-May 31, 1981)- Title from caption. Apr. 1, 1984-Oct. 1, 1984. ●Item 864-B-1 Continues: Implementation of Helsinki Accord (Washington, D.C. : 1980)

I. Conference on Security and Cooperation in Europe (1975 : Helsinki, Finland) — Periodicals. 2. United States—Foreign relations—1945—Periodicals. 3. Civil rights—Periodicals. I. United States. President. II. United States. Dept. of State. Office of Public Communication. Editorial Division. III. Series: Special report (United States. Dept. of State. Bureau of Public Affairs) ; no. 119. OCLC 08581296

**SMALL BUSINESS ADMINISTRATION**  
Washington, DC 20416

85-13537

SBA 1.2:An 8

United States. Small Business Administration. Office of the Chief Counsel for Advocacy.

The small business answer desk directory. — Washington, D.C. : Office of the Chief Counsel for Advocacy, U.S. Small Business Administration, [1985]

iii, 123 p. : 28 cm. "Answer desk, fast track for small business problems with government"—Cover. "January 1985." ●Item 901-B

1. Small business—United States—States—Directories.  
2. United States. Small Business Administration I. Title. OCLC 11682347

85-13538

SBA 1.2:An 8/2

SBA antitrust for small businesses. — [Washington, D.C.?] : U.S. Small Business Administration, Office of Advocacy, [1985]

24 p. : 24 cm. "January 1985." ●Item 901-B

1. Antitrust law—United States. 2. Trusts, Industrial—United States. I. United States. Small Business Administration. Office of Advocacy. II. Title: Antitrust for small businesses. OCLC 11757605

85-13539

SBA 1.2:C 28/984-2

United States. Small Business Administration. Office of Advocacy.

Catalog of completed research studies. — Washington, D.C. : Office of Advocacy, U.S. Small Business Administration ; Springfield, Va. : Available from National Technical Information Service, 1984.

31 p. : 21 cm. Includes index. ●Item 876

1. Small business—United States—Bibliography—Catalogs. I. Title. OCLC 11663561

85-13540

SBA 1.2:Id 2

National Conference for State and Local Officials on Small Business Initiatives (6th : 1984 : San Diego, Calif.)

Ideas in action : the states and small business, San Diego, California, December 5-7, 1984, Office of Advocacy's Sixth National Conference for State and Local Officials and Small Business Initiatives. — [Washington, D.C.?] : Office of Advocacy, U.S. Small Business Administration, [1984]

1 folded sheet (10 p.) : 1 form ; 11 x 28 cm. ●Item 901-B

1. Small business—United States—Congresses. I. United States. Small Business Administration. Office of Advocacy. II. Title. OCLC 11689515

85-13541

SBA 1.19:Id 2

National Conference for State and Local Officials on Small Business (6th : 1984 : San Diego, Calif.)

Ideas in action—the states and small business : the sixth National Conference for State and Local Officials on Small Business, December 5-7, 1984, San Diego, California. — [Washington, D.C.?] : Office of the Chief Counsel for Advocacy, U.S. Small Business Administration, [1984?]

1 v. (loose-leaf) ; ill., forms ; 29 cm. "Conference handbook." Includes bibliographies. ●Item 901-P

1. Small business—United States—States—Congresses.  
2. Small business—Law and legislation—United States—Congresses. I. United States. Small Business Administration. Office of the Chief Counsel for Advocacy. II. Title. OCLC 11692815

**SECURITIES AND EXCHANGE COMMISSION**  
Washington, DC 20549

85-13542

SE 1.1:984

United States. Securities and Exchange Commission.

Annual report of the Securities and Exchange Commission for the fiscal year ended ... Washington, D.C. : The Commission : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : ill. ; 24 cm.

Annual

\$4.25

Began with 45th, 1978/79. Cover title: Annual report (1981)- 50th, 1984. Description based on: 46th (1980) Vols. for 1981- distributed to depository libraries in microfiche. ●Item 903 (microfiche) S/N 046-000-00133-8 Continues: United States. Securities and Exchange Commission. Annual report of the SEC

1. United States. Securities and Exchange Commission—Periodicals. 2. Stock-exchange—United States—Periodicals. 3. Securities—United States—Periodicals. I. Title. OCLC 06442084

85-13543

SE 1.2:R 27/6/v.3

Index of releases / issued by the Securities and Exchange Commission under the Investment Company Act of 1940. — [Washington, D.C.?] : The Commission, 1984-

v. : 28 cm. Cover title. ●Item 904

1. Brokers—United States—Indexes. 2. Clearing of securities—United States. I. United States. Securities and Exchange Commission. OCLC 11565339

**SMITHSONIAN INSTITUTION**  
Washington, DC 20560

85-13544

SI 1.2:G 27

Gartenhaus, Alan Reid.

In pursuit of wild geese : teaching creative thinking : Smithsonian approach / by Alan Reid Gartenhaus ; designed by Stephen Kraft. — [Washington, D.C.?] : Office of Elementary and Secondary Education, Smithsonian Institution, 1984.

[11] p. : ill. (some col.) ; 28 cm. Bibliography: p. [11].

●Item 910

1. Creative thinking (Education) 2. Thought and thinking—Study and teaching (Elementary). 3. Reasoning in children. 4. Cognition in children. I. Kraft, Stephen. II. Smithsonian Institution. Office of Elementary and Secondary Education. III. Title. IV. Title: Teaching creative thinking. OCLC 11571784

85-13545

SI 1.2:W 84

Warner, Deborah Jean.

Perfect in her place : women at work in industrial America / Deborah J. Warner. — Washington, D.C. : Published for the National Museum of American History by the Smithsonian Institution Press, c1981.

[22] p. : ill. ; 16 x 23 cm. "Prepared in conjunction with an exhibit at the National Museum of American History, Smithsonian Institution"—T.p. verso. Distributed to depository libraries in microfiche. Bibliography: p. [22] ●Item 876 (microfiche)

1. Women—Employment—United States—History. I. National Museum of American History (U.S.) II. Smithsonian

# Treasury Department

an Institution. Press. III. Title. HD6095.W198 81-607826 331.4/0973  2 19 OCLC 0761562

85-13546

SI 1.27:398

Flint, Oliver S.

The genus *Brachycentrus* in North America, with a proposed phylogeny of the genera of *Brachycentridae* (Trichoptera) / Oliver S. Flint, Jr. — City of Washington : Smithsonian Institution Press, 1984.

iii, 58 p. : ill., maps ; 26 cm. — (Smithsonian contributions to zoology ; no. 398) Distributed to depository libraries in microfiche. Bibliography: p. 56-58.  Item 910-D (microfiche)

1. *Brachycentrus* — Classification. 2. Insects — Classification. 3. Insects — North America — Classification. I. Smithsonian Institution. Press. II. Title. III. Series. QL1.S54 no. 398 84-600157 [QL518.B7] 591 s [595.7/45  2 19] OCLC 10850642

85-13547

SI 1.27:402

Heyer, W. Ronald.

Variation, systematics, and zoogeography of *Eleutherodactylus guentheri* and closely related species (Amphibia: Anura, *Leptodactylidae*) / W. Ronald Heyer. — City of Washington : Smithsonian Institution Press, 1984.

iii, 42 p. : ill., maps ; 26 cm. — (Smithsonian contributions to zoology ; no. 402) Distributed to depository libraries in microfiche. Bibliography: p. 41-42.  Item 910-D (microfiche)

1. *Eleutherodactylus guentheri*. 2. *Eleutherodactylus*. I. Smithsonian Institution. Press. II. Title. III. Series. QL1.S54 no. 402 84-600184 [QL668.E257] 591 s [597.8/7  2 19] OCLC 10949121

85-13548

SI 1.27:404

Krombein, Karl V.

Revision of North American *Liris* Fabricius (Hymenoptera: Sphecoidea, Larridae) / Karl V. Krombein and Sandra Shanks Gingras. — City of Washington : Smithsonian Institution Press, 1984.

iii, 96 p. : ill., maps ; 26 cm. — (Smithsonian contributions to zoology ; no. 404) Distributed to depository libraries in microfiche. Bibliography: p. 71-72.  Item 910-D (microfiche)

1. *Liris* — Classification. 2. Insects — Classification. 3. Insects — North America — Classification. I. Gingras, Sandra Shanks. II. Smithsonian Institution. Press. III. Title. IV. Series. QL1.S54 no. 404 84-600998 [QL568.S7] 591 s [595.79  2 19] OCLC 10559370

85-13549

SI 1.29:57

Sendulsky, Tatiana.

Revision of the South American genus *Otachyrium* (Poaceae: Panicoideae) / Tatiana Sendulsky and Thomas R. Soderstrom. — City of Washington : Smithsonian Institution Press, 1984.

iii, 24 p. : ill. ; 26 cm. — (Smithsonian contributions to botany ; no. 57) Distributed to depository libraries in microfiche. Bibliography: p. 24.  Item 910-E (microfiche)

1. *Otachyrium* — Classification. 2. Botany — South America — Classification. I. Soderstrom, Thomas R. II. Smithsonian Institution. Press. III. Title. IV. Series. QK1.S2747 no. 57 84-600087 [QK495.G74] 581 s [584/.9  2 19] OCLC 10726704

85-13550

SI 4.1:983

American Historical Association.

Annual report / American Historical Association. City of Washington : Smithsonian Institution Press, 1975- Publications Sales, Smithsonian Institution Press, 1111 N. Capitol St., Washington, DC 20560

v. ; 23 cm.

Annual

Began with 1974. G.P.O. sales statement incorrect in publication. 1983. Description based on: 1979. Some reports issued in 2 vols.  Item 915 Continues: American Historical Association. Annual report of the American Historical Association

I. Historiography — United States — Periodicals. I. Smithsonian Institution. Press. II. Title. OCLC 04055133

## TREASURY DEPARTMENT

Washington, DC 20220

85-13551

T 1.2:G 28/2

United States. Dept. of the Treasury. Office of the General Counsel.

Office of General Counsel : 50th anniversary, 1934-1984. — [Washington, D.C.] : The Office, [1984?]

1 v. (various pagings) ; 28 cm. Cover title.  Item 925

1. United States. Dept. of the Treasury. Office of the General Counsel. I. Title. OCLC 11654666

85-13552

T 1.2:L 52

Attorney careers with the Legal Division. — [Washington, D.C.] : Treasury Dept., [1984?]

1 folded sheet (6 p.) ; 22 x 10 cm.  Item 925

1. United States. Dept. of the Treasury. Legal Division. 2. Government attorneys — United States. I. United States. Dept. of the Treasury. OCLC 11694614

85-13553

T 1.4/3:21-84

United States. Dept. of the Treasury. Office of the Secretary.

United States of America, treasury notes of July 31, 1986, series W-1986. — Washington : Dept. of the Treasury, Office of the Secretary, [1984].

4 p. ; 27 cm. — (Department circular, public debt series ; no. 21-84) Caption title. Includes supplement to Department circular, public debt series—no. 21-84. "July 19, 1984."  Item 924

1. Securities — United States. 2. Debts, Public — United States. I. Title. II. Title: Treasury notes of July 31, 1986, series W-1986. III. Series: United States. Dept. of the Treasury. Office of the Secretary. Department circular, public debt series ; no. 21-84. OCLC 11671358

85-13554

T 1.4/3:22-84

United States. Dept. of the Treasury. Office of the Secretary.

United States of America, treasury notes of August 15, 1987, series P-1987. — Washington : Dept. of the Treasury, Office of the Secretary, 1984.

4 p. ; 27 cm. — (Department circular, public debt series ; no. 22-84) Caption title. Includes supplement to Dept. circular, public debt series—no. 22-84. "August 2, 1984."  Item 924

1. Securities — United States. 2. Debts, Public — United States. I. Title. II. Title: Treasury notes of August 15, 1987. III. Series: United States. Dept. of the Treasury.

Office of the Secretary. Department circular, public debt series ; no. 22-84. OCLC 11671399

**CUSTOMS SERVICE**  
Treasury Dept.  
Washington, DC 20229

85-13555

T 17.2:C 96/15

U.S. Customs Service. Office of Commercial Operations.

Customs valuation rulings under the Trade Agreements Act of 1979. — [Washington, D.C.] : Dept. of the Treasury, U.S. Customs Service, Office of Commercial Operations, 1984-  
1 v. (loose-leaf) ; 28 cm. Cover title. "December 1984."  
●Item 950

1. Customs appraisal—United States. 2. Customs administration—United States. 3. Foreign trade regulation—United States. I. Title. OCLC 11685390

85-13556

T 17.2:D 79

Drawback : a duty refund on certain exports. — Rev. 1984. — Washington, D.C. : Dept. of the Treasury, U.S. Customs Service, 1984.

1 folded sheet (8 p.) ; 21 cm. — (Customs publication ; no. 525) ●Item 950

1. Drawbacks—United States. 2. Customs administration—United States. I. U.S. Customs Service. II. Series. OCLC 11684597

**INTERNAL REVENUE SERVICE**  
Treasury Dept.  
Washington, DC 20224

85-13557

T 22.2:F 76/6/985

United States. Internal Revenue Service.

Catalog of federal tax forms, form letters, and notices. — Rev. 1-85. — [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, 1985.

164 p. ; 28 cm. — (Publication ; 676) Cover title. Includes indexes. ●Item 956

1. Tax administration and procedure—United States. I. Title. II. Title: Federal tax forms, form letters, and notices. III. Series: Publication (United States. Internal Revenue Service) ; 676. OCLC 11764174

85-13558

T 22.2:H 81

Fiscal year 1985 : House/Senate hearings, Committee on Appropriations : Subcommittee on the Treasury, Postal Service, and General Government Appropriations. — [Washington, D.C.] : Internal Revenue Service, [1984]

1 v. (various pagings) ; ill. ; 24 cm. Cover title. "December, 1984." Includes indexes. ●Item 956

1. United States—Appropriations and expenditures, 1985. I. United States. Congress. House. Committee on Appropriations. Subcommittee on the Treasury, Postal Service, and General Government Appropriations. II. United States. Congress. Senate. Committee on Appropriations. Subcommittee on the Dept. of the Treasury, U.S. Postal Service, and General Government Appropriations. III. United States. Internal Revenue Service. OCLC 11652964

85-13559

T 22.2:Or 3/984

Cumulative list of organizations described in section 170 (c) of the Internal Revenue Code of 1954. [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washinton, D.C. 20402

v. ; 27 cm. (Publication ; 78)

Annual with 3 quarterly cumulative supplements, (1977)-

Annual with bimonthly cumulative supplements, (1963-1974)

\$29.00 Title from cover. Oct. 31, 1984. Description based on: Oct. 31, 1973. ●Item 956 S/N 948-005-00000-0 ISSN 0499-6453

1. Charitable uses, trusts, and foundations—United States—Directories. 2. Income tax—United States—Deductions—Charitable contributions—Directories. I. United States. Internal Revenue Service. II. Series: Publication (United States. Internal Revenue Service) ; 78. HJ4653.D4A3 55-061341 //r813 OCLC 02457127

85-13560

T 22.2:F 94/8

Project hire. — [Washington, D.C.?] : Dept. of the Treasury, 1984.

64 p. : forms ; 28 cm. — (OSC publication ; 7) Cover title. "Ogden Service Center." ●Item 956

1. Civil Service—United States—Examinations. I. United States. Dept. of the Treasury. II. Ogden Service Center (U.S.) III. Series. OCLC 11767781

85-13561

T 22.19/2:Ar 1/985

Arbitration handbook. — [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service, [1985]-

1 v. (loose-leaf) ; 28 cm. — (Document ; 6608 (3-81)) Caption title. At head of title: Handbook transmittal. "1985-1." "2-5-85." ●Item 956-A

1. Grievance arbitration—United States—Handbooks, manuals, etc. 2. United States. Internal Revenue Service. I. United States. Internal Revenue Service. II. Series: Document (United States. Internal Revenue Service) ; 6608. OCLC 11762330

85-13562

T 22.23/a:R 32

United States. Internal Revenue Service.

Revenue procedure 85-1. — [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service 1985.

13 p. ; 28 cm. "Reprinted from IR bulletin 1985-1, dated January 7, 1985." "Rev. Proc. 85-1." "Rev. Proc. 84-1 is superseded—P. 13." ●Item 957

1. Internal revenue—United States. 2. Tax administration and procedure—United States. I. Title. OCLC 11689607

85-13563

T 22.23/a:R 32/2

United States. Internal Revenue Service.

Revenue procedure 85-2. — [Washington, D.C.?] : Dept. of the Treasury, Internal Revenue Service [1985].

8 p. ; 28 cm. Caption title. "Reprinted from IR bulletin 1985-1, dated January 7, 1985." "Rev. Proc. 84-2 is superseded—P. 8." ●Item 957

1. Internal revenue—United States. 2. Tax administration and procedure—United States. I. Title. OCLC 11745365

# Internal Revenue Service — Treasury Dept.

85-13564

T 22.35/2:C 81/982/DG

Statistics of income. Corporation income tax returns documentation guide. [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, Statistics of Income Division, v. ; 28 cm. (Document / Department of the Treasury, Internal Revenue Service ; 6930 (rev. 11-84)) Running title: SOI corporation documentation guide Title from cover. 1982. Description based on: 1982. ●Item 964

1. Corporations — Taxation — United States — Statistics — Periodicals. I. United States. Internal Revenue Service. Statistics of Income Division. II. Series: Document (United States. Internal Revenue Service) ; 6930 (rev. 11-84). OCLC 11745333

85-13565

T 22.35/2:R 31/984

American Statistical Association. Meeting (144th : 1984 : Philadelphia, Pa.)

Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 / compiled and edited by Wendy Alvey and Beth Kilss. — [Washington, D.C.] : Dept. of Treasury, Internal Revenue Service, Statistics of Income Division, 1984.

viii, 283 p. : ill., 2 forms ; 28 cm. "October 1984." Includes bibliographies. ●Item 964

1. Income — United States — Statistical methods — Congresses. 2. Income — Canada — Statistical methods — Congresses. 3. Income tax — United States — Statistical methods — Congresses. 4. Income tax — Canada — Statistical methods — Congresses. I. Alvey, Wendy. II. Kilss, Beth. III. United States. Internal Revenue Service. Statistics of Income Division. IV. Title. OCLC 11659541

85-13566

T 22.44/2:378

United States. Internal Revenue Service.

Fuel tax credits. — Rev. Feb. 1983. — [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, 1983 [1984 printing]

8 p. : 28 cm. — (Publication ; 378) Caption title. ●Item 964-B

1. Transportation, Automotive — Taxation — United States. 2. Tax credits — United States. 3. Gasoline — Taxation — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service) ; 378. OCLC 11685953

85-13567

T 22.44/2:463/2

United States. Internal Revenue Service.

Travel, entertainment, and gift expenses. — Rev. Nov. 84. — [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, 1984.

20 p. : forms ; 28 cm. — (Publication ; 463) Caption title. "For use in preparing 1984 returns." Includes index. ●Item 964-B

1. Income tax — United States — Deductions — Expenses. 2. Gifts — Taxation — United States. 3. Expense accounts and taxation — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service) ; 463. OCLC 11671274

85-13568

T 22.44/2:519/15

United States. Internal Revenue Service.

U.S. tax guide for aliens. — Rev. Nov. 1984. — [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, 1984.

33 p. : forms ; 28 cm. — (Publication ; 519) Caption title. "For use in preparing 1984 returns." Includes index.

●Item 964-B

1. Taxation of aliens — United States. 2. Taxation, Double — United States. 3. Income tax — United States. I. Title. II. Title: US tax guide for aliens. III. Series: Publication (United States. Internal Revenue Service) ; 519. OCLC 11681876

85-13569

T 22.44/2:538/15

United States. Internal Revenue Service.

Accounting periods and methods. — Rev. Nov. 84. — [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, [1984]

20 p. : 28 cm. — (Publication ; 538) Caption title. "For use in preparing 1984 returns." Includes index. ●Item 964-B

1. Income tax — United States — Accounting. I. Title. II. Series: Publication (United States. Internal Revenue Service) ; 538. OCLC 11689824

85-13570

T 22.44/2:542/14

United States. Internal Revenue Service.

Tax information on corporations. — Rev. Nov. 83. — [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, 1983 i.e. 1984.

23 p. : forms ; 28 cm. — (Publication ; 542) Caption title. "For use in preparing 1983 returns." Includes index. ●Item 964-B

1. Corporations — Taxation — United States. 2. Income tax — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service) ; 542. OCLC 10502475

85-13571

T 22.44/2:542/15

United States. Internal Revenue Service.

Tax information on corporations. — Rev. Nov. 84. — [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, 1984.

28 p. : forms ; 28 cm. — (Publication ; 542) Caption title. "For use in preparing 1984 returns." Includes index. ●Item 964-B

1. Corporations — Taxation — United States. 2. Income tax — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service) ; 542. OCLC 11690503

85-13572

T 22.44/2:571/8

United States. Internal Revenue Service.

Tax-sheltered annuity programs for employees of public schools and certain tax-exempt organizations. — Rev. Mar. 1983. — Washington : Dept. of the Treasury, Internal Revenue Service 1983 (1984 printing)

19 p. : forms ; 28 cm. — (Publication ; 571) Caption title. Includes bibliographical references and index. Item 964-B; CORRECTED CARDS; jmn/nw/nw] ●Item 964-B

1. Annuities — Taxation — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service) ; 571. OCLC 11679591

85-13573

T 22.44/2:572/12

United States. Internal Revenue Service.

Investment credit. — Rev. Nov. 84. — [Washington, D.C.] : Dept. of the Treasury, Internal Revenue Service, 1985.

23 p. : forms ; 28 cm. — (Publication ; 572) Caption title. "For use in preparing 1984 returns." Includes index. ●Item 964-B

1. Investment tax credit — United States. 2. Income tax — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service); 572. OCLC 11651815

85-13574

T 22.44/2:588/10

United States. Internal Revenue Service.

Tax information for homeowners associations. — Rev. Nov. 84. — [Washington, D.C.?]: Dept. of the Treasury, Internal Revenue Service, 1985.

4 p. : 1 form ; 28 cm. — (Publication ; 588) Caption title. "For use in preparing 1984 returns." ●Item 964-B

1. Homeowners' associations — United States. 2. Taxation — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service); 588. OCLC 11651725

85-13575

T 22.44/2:590/10

United States. Internal Revenue Service.

Individual retirement arrangements (IRA's). — Rev. Nov. 84. — [Washington, D.C.?]: Dept. of the Treasury, Internal Revenue Service, 1984.

16 p. : forms ; 28 cm. — (Publication ; 590) Caption title. "For use in preparing 1984 returns." Includes index. ●Item 964-B

1. Individual retirement accounts — Taxation — United States. 2. Income tax — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service); 590. OCLC 11691400

85-13576

T 22.44/2:901/4

United States. Internal Revenue Service.

U.S. tax treaties. — Rev. Nov. 84. — [Washington, D.C.?]: Dept. of the Treasury, Internal Revenue Service, 1984.

12 p. ; 28 cm. — (Publication ; 901) Caption title. ●Item 964-B

1. Americans in foreign countries — Taxation. 2. Taxation of aliens — United States. 3. Taxation, Double — United States — Treaties. I. Title. II. Title: US tax treaties. III. Series: Publication (United States. Internal Revenue Service); 901. OCLC 11671300

85-13577

T 22.44/2:906/6

United States. Internal Revenue Service.

Jobs and research credits. — Rev. Nov. 84. — [Washington, D.C.?]: Dept. of the Treasury, Internal Revenue Service, [1984]

12 p. : 2 forms ; 28 cm. — (Publication ; 906) Caption title. "For use in preparing 1984 returns." ●Item 964-B

1. Tax credits — United States. 2. New jobs tax credit — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service); 906. OCLC 11689924

85-13578

T 22.44/2:908

United States. Internal Revenue Service.

Bankruptcy. — [Washington, D.C.?]: Dept. of the Treasury, Internal Revenue Service, 1984.

8 p. ; 28 cm. — (Publication ; 908) Caption title. "Nov. 82." Includes index. ●Item 964-B

1. Bankruptcy — United States. 2. Income tax — United States. I. Title. II. Series: Publication (United States. Internal Revenue Service); 908. OCLC 11688982

85-13579

T 22.44/2:1066

Small business tax workshop : workbook. — Rev. 1-85. — [Washington, D.C.?]: Dept. of the Treasury, Internal Revenue Service, 1985.

ii, 104 p. : forms ; 28 cm. — (Publication ; 1066) ●Item 964-B

1. Small business — Taxation — United States. 2. Small business — United States. I. United States. Internal Revenue Service. II. Series: Publication (United States. Internal Revenue Service); 1066. OCLC 11777877

85-13580

T 22.44/2:1194/2/v.3-4

United States. Internal Revenue Service.

A selection of 1984 Internal Revenue Service tax information publications. — Rev. 12-84. — Washington, DC : Dept. of the Treasury, Internal Revenue Service : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

v. : ill., forms ; 28 cm. — (Publication ; 1194) Cover title. Spine title: Tax information publications. Includes bibliographies and indexes. ●Item 964-B S/N 048-004-01880-2 (set) @ GPO \$10.00 (set)

1. Taxation — United States. 2. Income tax — United States. I. Title. II. Title: Tax information publications. III. Series: Publication (United States. Internal Revenue Service); 1194. OCLC 11610445

85-13581

T 22.44/2:1264

United States. Internal Revenue Service.

Magnetic tape reporting for Form 941, Employers quarterly federal tax return. — [Washington, D.C.?]: Dept. of the Treasury, Internal Revenue Service, 1985.

17 p. : forms ; 28 cm. — (Publication ; 1264) Caption title. Reprinted from IR bulletin 1984-8, dated February 21, 1984. "2-85." ●Item 964-B

1. Income tax — United States. 2. Magnetic recorders and recording. I. Title. II. Series: Publication (United States. Internal Revenue Service); 1264. OCLC 11662123

## GOVERNMENT FINANCIAL OPERATIONS BUREAU

Treasury Dept.  
Washington, DC 20226

85-13582

T 63.118/2:982

Report on foreign currencies held by the U.S. Government.

[Washington, D.C.?]: Dept. of the Treasury, Fiscal Service, Bureau of Government Financial Operations, Dept. of the Treasury, Fiscal Service, Bureau of Government Financial Operations, Annex 1, Pennsylvania Ave. and Madison Place, NW, Washington, D.C. 20226

v. ; 27 cm.-22 x 28 cm.

Semiannual Running title: Foreign currencies held by the U.S. government (1983-) Title from cover. Previously classed: T 63.102:C 93/ Fiscal year 1982. Description based on: Fiscal year 1980. First report each fiscal year covers Oct.-Mar., second report covers entire fiscal year. Vols. for Oct./Mar. 1981- distributed to depository libraries in microfiche. ●Item 970-A-4 (microfiche) ISSN 0098-3896 Continues: Report on foreign currencies in the custody of the United States

1. Counterpart funds — United States — Statistics — Periodicals. I. United States. Dept. of the Treasury. Bureau of Government Financial Operations. HJ2052.U57b 75-643272 //r82 332.4/5 OCLC 02241090

**Alcohol, Tobacco and Firearms Bureau — Treasury Dept.**

**ALCOHOL, TOBACCO AND FIREARMS  
BUREAU  
Treasury Dept.  
Washington, DC 20226**

85-13583

**T 70.5:F 51/2/983**

State laws and published ordinances, firearms. [Washington, D.C.] : Dept. of the Treasury, Bureau of Alcohol, Tobacco and Firearms : [For sale by the Supt. of Docs., U.S. G.P.O., 1980? - Dept. of the Treasury, Bureau of Alcohol, Tobacco, and Firearms, ATF Distribution Center, 3800 Four Mile Run Drive, Arlington, Va., 22206

v. ; 28 cm. (ATF P ; 5300.5)

Annual

\$4.25

1980- Title from cover. "ATF P5300.5." 1983. ●Item 961-A S/N 048-012-00081-7 ISSN 0276-7651 Continues: Firearms, state laws and published ordinances

I. Firearms — Law and legislation — United States — States — Periodicals. I. United States. Bureau of Alcohol, Tobacco, and Firearms. II. Series. PAR 81-640979 //r81 OCLC 07301672

85-13584

**T 70.8:F 51/3/excerpt**

Excerpt, (general information) from (Your guide to) federal firearms regulation. — [Washington, D.C.?] : Dept. of the Treasury, Bureau of Alcohol, Tobacco, & Firearms, 1984.

33 p. : 1 form ; 28 cm. — (ATF P ; 5300.4 E (4/84))

Cover title. Includes bibliographical references and indexes.

●Item 971-F

I. Firearms — Law and legislation — United States. 2. Firearms — Licenses — United States. I. United States. Bureau of Alcohol, Tobacco, and Firearms. II. Series. OCLC 11685774

**TRANSPORTATION DEPARTMENT  
Washington, DC 20590**

85-13585

**TD 1.20/8:81-36/2**

Transit marketing in Pennsylvania : a handbook of effective transit marketing aids / prepared by Peter Muller-Munk Associates, division of Wilbur Smith and Associates with the assistance of Fitzgerald, Toole, and Alden, Inc. ; prepared for the Bureau of Public Transit and Goods Movement Systems ; [prepared for Pennsylvania Dept. of Transportation]. — Rev. Aug. 1, 1984. — [Washington, D.C.?] : U.S. Dept. of Transportation, 1984 (1985 printing)

I v. (various pagings) : ill., maps, forms ; 28 cm. — (Technology sharing reprint series) Sponsored by the Pennsylvania Department of Transportation. "July 1, 1981." "This document is a black and white reproduction of a document originally printed in a four-color process"—P. [2] of cover. "DOT-I-81-36"—P. [4] of cover. ●Item 982-I-15

1. Marketing — Pennsylvania. 2. Local transit — Pennsylvania. 3. Bus lines — Pennsylvania. I. Peter Muller-Munk Associates. II. Fitzgerald, Toole, and Alden. III. Pennsylvania. Bureau of Public Transit and Goods Movement Systems. IV. United States. Dept. of Transportation. V. Pennsylvania. Dept. of Transportation. VI. Series. OCLC 11767858

85-13586

**TD 1.20/8:84-06**

Coordinated transportation demonstration results : final report / prepared by Ecosometrics, Incorporated ; prepared for Office of Human Development Services, U.S. Department of Health and Human Services. — Washington, D.C. : The Office, 1984.

I v. (various pagings) : ill., forms ; 28 cm. "Reprinted by Technology Sharing Program, Office of the Secretary of Transportation." Distributed to depository libraries in microfiche. "February 1980." Bibliography: p. 135-140. "DOT-I-84-06." ●Item 982-I-15 (microfiche)

1. Paratransit services — United States. 2. Aged — United States — Transportation. 3. Physically handicapped — United States — Transportation. I. Ecosometrics, inc. II. United States. Office of Human Development Services. III. Technology Sharing Program (U.S.) OCLC 11740320

85-13587

**TD 1.20/8:84-43**

Lyons, Deborah L.

Taxi regulation in a free entry market : a case study of Washington, D.C. / Deborah L. Lyons. — Washington, D.C. : University Research and Training Program, Urban Mass Transportation Administration, U.S. Dept. of Transportation ; [Springfield, Va. : National Technical Information Service, distributor, 1983]

198 p. : ill, 2 maps ; 28 cm. Final report. September 1982-October 1983. "Department of Urban and Regional Planning, University of the District of Columbia." "Technology Sharing Program, Office of the Secretary of Transportation." Distributed to depository libraries in microfiche. "October 1983." Bibliography: p. 135-139. Contract No.: DC-11-0015 ●Item 982-I-15 (microfiche) STRN: DOT-I-84-43

I. Taxicabs — Washington (D.C.) 2. Paratransit services — Washington (D.C.) I. University of the District of Columbia. Dept. of Urban and Regional Planning. II. United States. Urban Mass Transportation Administration. University Research and Training Program. III. Technology Sharing Program (U.S.) IV. Title. OCLC 11438526

**NATIONAL TRANSPORTATION SAFETY  
BOARD  
Washington, DC 20594**

85-13588

**TD 1.112:84/14**

United States. National Transportation Safety Board.

Aircraft accident report : Western Helicopters, Inc., Bell UH-1B, N87701, Valencia, California, July 23, 1982 / National Transportation Safety Board. — Washington, D.C. : The Board ; [Springfield, Va. : National Technical Information Service, distributor], 1984.

iii, 35 p. : ill., 1 map ; 28 cm. Aircraft accident report. July 23, 1982. Cover title. Supersedes NTSB/AAR-84/02. Distributed to depository libraries in microfiche. NTIS: PB84-910414. Project No.: 3876-B. ●Item 982-I-9 (microfiche) STRN: NTSB/AAR-84/14

1. Aeronautics — California — Valencia — Accidents. 2. Aeronautics — California — Valencia — Safety measures. 3. Helicopters — Accidents. I. Title. II. Title: Western Helicopters, Inc., Bell UH-1B, N87701, Valencia, California, July 23, 1982. OCLC 11541094

85-13589

**TD 1.112:84/15**

United States. National Transportation Safety Board.

Aircraft accident report : Scandinavian Airlines System flight 901, McDonnell Douglas DC-10-30, John F. Kennedy

International Airport, Jamaica, New York, February 28, 1984 / National Transportation Safety Board. — Washington, D.C. : The Board ; [Springfield, Va. : National Technical Information Service, distributor], 1984.

iii, 82 p. : ill., forms, 1 map ; 28 cm. Aircraft accident report. February 28, 1984. Cover title. Distributed to depository libraries in microfiche. Includes bibliographical references. NTIS: PB84-910415. Project No.: 3894-A. ●Item 982-I-9 (microfiche) STRN: NTSB/AAR-84/15

1. Aeronautics — New York (State) — Accidents. 2. Airplanes — Landing. 3. Jamaica (New York, N.Y.) I. Title. II. Title: Scandinavian Airlines System flight 901, McDonnell Douglas DC-10-30, John F. Kennedy International Airport, Jamaica, New York, February 28, 1984. OCLC 11562713

85-13590

TD 1.112/4:84/02

United States. National Transportation Safety Board.

Railroad/highway accident report : collision of Amtrak passenger train no. 301 on Illinois Central Gulf Railroad with Marquette Motor Service Terminals, Inc. delivery truck, Wilmington, Illinois, July 28, 1983 / National Transportation Safety Board. — Washington, D.C. : The Board, 1984.

ii, 26 p. : ill., 1 map ; 28 cm. Railroad/highway report. July 28, 1983. Cover title. Distributed to depository libraries in microfiche. Includes bibliographical references. "PB84-917008." National Transportation Safety Board. Project No.: 4014. ●Item 982-I-9 (microfiche) STRN: NTSB/RHR-84/02

1. Amtrak. 2. Railroads — Illinois — Wilmington (Will County) — Accidents. 3. Railroads — Crossings. 4. Traffic accidents — Illinois — Wilmington (Will County) I. Title. II. Title: Collision of Amtrak passenger train no. 301 on Illinois Central Gulf Railroad with Marquette Motor Service Terminals, Inc. delivery truck, Wilmington, Illinois, July 28, 1983. OCLC 11613978

85-13591

TD 1.118:84/05

United States. National Transportation Safety Board.

Pipeline accident report : Boston Gas Company natural gas overpressure explosion and fires, East Boston, Massachusetts, September 23, 1983 / National Transportation Safety Board. — Washington, D.C. : The Board ; [Springfield, Va. : National Technical Information Service, distributor], 1984]

ii, 27 p. : ill., 1 map ; 28 cm. Pipeline accident report. September 23, 1983. Cover title. Distributed to depository libraries in microfiche. Includes bibliographical reference. "PB84-916505." National Transportation Safety Board. Project No.: 4036. STRN: NTSB/PAR-84/05

1. Gas, Natural — Massachusetts — Pipe lines — Accidents. 2. Gas, Natural — Massachusetts — Fires and fire prevention. I. Title. II. Title: Boston Gas Company natural gas overpressure explosion and fires, East Boston, Massachusetts, September 23, 1983. OCLC 11638749

# FEDERAL HIGHWAY ADMINISTRATION Transportation Dept. Washington, DC 20590

85-13592

TD 2.2:T 22/5

A World of technology for sharing : America's international highway program. — [Washington, D.C.] : U.S. Dept. of Transportation, Federal Highway Administration, [1984?]

64 p. : ill. ; 28 cm. Cover title. "HHO-20/10-84(10M)E"—P. [4] of cover. ●Item 982-G-5

1. Technical assistance, American. 2. Roads — Technological innovations. 3. Technology transfer. I. United States. Federal Highway Administration. OCLC 11410618

85-13593

TD 2.23:983

Highway statistics / U.S. Department of Transportation, Federal Highway Administration. Washington, D.C. : The Administration : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402 v. ; 29 cm.

Annual

\$5.50

Began with 1945. 1983. Description based on: 1979. Vols. for 1945-47 issued by the Public Roads Administration; 1948-68 by the Bureau of Public Roads; 1969- by the Federal Highway Administration. Data summarized in the decennial publication: Highway statistics, summary to ... ●Item 265-B S/N 050-001-00286-8 ISSN 0095-344X

1. Roads — United States — Statistics — Periodicals. 2. Transportation, Automotive — United States — Statistics — Periodicals. 3. Motor fuels — Taxation — United States — Periodicals. I. United States. Bureau of Public Roads. II. United States. Federal Highway Administration. Key Title: Highway statistics OCLC 01221546

85-13594

TD 2.30:84/501

Methods of effective transfer and implementation of highway maintenance technology. — McLean, Va. : Turner-Fairbank Highway Research Center ; Springfield, Va. : National Technical Information Service [distributor], 1984.

iii, 90 p. : ill., forms ; 28 cm. Final report. 10/1/82 - 12/31/83. Cover title. Distributed to depository libraries in microfiche. "July 1984." Bibliography: p. 64-74. "HRD-10/11-84(500)EW"—P. [4] of cover. Office of Implementation, Federal Highway Administration, U.S. Department of Transportation, Contract No.: DTFH61-82-C-00105, Project No.: 37C2023. ●Item 982-G-11 (microfiche) STRN: FHWA/RD-84/501

1. Technology transfer. 2. Roads — United States — Maintenance and repair — Technological innovations. I. Turner-Fairbank Highway Research Center. II. United States. Federal Highway Administration. Office of Implementation. OCLC 11746080

85-13595

TD 2.30/4:84-205

Larsen, C. A.

Priority accessible network for the elderly and handicapped in Seattle. — McLean, Va. : U.S. Dept. of Transportation, Federal Highway Administration, Research, Development, and Technology, Turner-Fairbank Highway Research Center ; Springfield, Va. : National Technical Information Service [distributor], 1984.

iii, 88 p. : ill., 1 form, maps ; 28 cm. Final report. Cover title. "City of Seattle, Engineering Department"—Tech. rept. doc. p. Distributed to depository libraries in microfiche. "June 1984." Federal Highway Administration, Office of Implementation. Contract No.: DTFH61-81-C-00073. Project No.: 31ZN018. ●Item 982-G-19 (microfiche) STRN: FHWA-TS-84-205

1. Aged — Washington (State) — Seattle — Transportation. 2. Physically handicapped — Washington (State) — Seattle — Transportation. 3. Pedestrians — Washington (State) — Seattle. 4. Architecture and the aged — Washington (State) — Seattle. 5. Architecture and the physically handicapped — Washington (State) — Seattle. I. Turner-Fairbank Highway Research Center. II. Seattle (Wash.). Engineering Dept. III. Title. OCLC 11237348

# Federal Highway Administration — Transportation Dept.

85-13596

TD 2.30/4:84-208

Rutherford, Norman F.

Pavement and shoulder maintenance performance guides. — McLean, Va. : Turner-Fairbank Highway Research Center ; [Springfield, Va. : National Technical Information Service, distributor], 1984.

ii, 40 p. : ill. ; 28 cm. Final report. Oct 1982-Feb 1984. Cover title. Distributed to depository libraries in microfiche. "HRD-10/10-84(3-5M)EW"—P. [4] of cover. Federal Highway Administration, Project No.: FCP37A1273. ●Item 982-G-19 (microfiche) STRN: FHWA-TS-84/208

1. Pavements—Maintenance and repair. 2. Pavements, Concrete—Maintenance and repair. 3. Roads—United States—Shoulders—Maintenance and repair. I. Turner-Fairbank Highway Research Center. II. United States. Federal Highway Administration. III. Title. OCLC 11543405

85-13597

TD 2.30/4:84-209

Netherton, Ross De Witt, 1918-

State laws and regulations governing settlement of highway construction contract claims and claim disputes. — McLean, Va. : U.S. Dept. of Transportation, Federal Highway Administration, Research, Development, and Technology, Turner-Fairbank Highway Research Center ; [Springfield, Va. : National Technical Information Service, distributor], 1984.

ii, 88 p. ; 28 cm. Final report. September 1982-December 1983. Cover title. Distributed to depository libraries in microfiche. "October 1984." ●Item 982-G-19 (microfiche) STRN: FHWA-TS-84-209

1. Road construction—United States. 2. Claims. 3. Government liability—United States. 4. Arbitration (Administrative law)—United States. I. Turner-Fairbank Highway Research Center. II. Title. OCLC 11723093

85-13598

TD 2.40:47-4

Hoepfner, Robert P.

Construction of a recycled portland cement concrete pavement / prepared by Robert P. Hoepfner. — Washington, D.C. : U.S. Dept. of Transportation, Federal Highway Administration, [1984]

1 v. (various pagings) : ill., forms ; 28 cm. — (Demonstration project ; no. 47) Title on cover: Recycling portland cement concrete pavements, Macomb County, Michigan. "A project in cooperation with the U.S. Department of Transportation Federal Highway Administration." "Demonstration projects program"—Cover. "Interim report"—Cover. Distributed to depository libraries in microfiche. "June 1984"—Cover. "March 1983." Includes bibliographical references. "FHWA-DP-47-4"—Cover. "MU50458 - 19870 A." "M2058 (048)" ●Item 982-G-25 (microfiche)

1. Pavements, Concrete—Design and construction. 2. Portland cement—Michigan—Macomb County. 3. Recycling (Waste, etc.)—Michigan—Macomb County. I. United States. Federal Highway Administration. II. Title. III. Title: Recycling portland cement concrete pavements, Macomb County, Michigan. IV. Series: Demonstration project (United States. Federal Highway Administration) ; no. 47. OCLC 11684837

85-13599

TD 2.40:50-14

Maurer, Dean A.

Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) / Commonwealth of Pennsylvania, Department of Transportation, Office of Research and Special Studies ; prepared by Dean A. Maurer. — Arlington, Va. : Federal Highway Administration, Demon-

stration Projects Division ; [Springfield, Va. : National Technical Information Service, distributor, 1984]

vi, 54 p. : ill., 1 map ; 28 cm. — (Demonstration project ; no. 50) Construction report. August-September 1982. Cover title: Sprinkle treatment of asphalt surfaces, Centre County, Pennsylvania. "Initial report"—Cover. "June 1984"—Cover. "March 1983." Distributed to depository libraries in microfiche. "Demonstration Projects Program"—Cover. Includes bibliographical references. Pennsylvania Department of Transportation, Bureau of Construction Quality Control, Materials and Testing Division, Materials Evaluation Group. Contract No.: DTFH71-80-50-PA-02 "Research project 80-6." "FHWA-DP-50-14"—Cover. ●Item 982-G-25 (microfiche)

1. Pavements, Asphalt—Pennsylvania—Centre County—Maintenance and repair. 2. Pavements, Bituminous—Maintenance and repair. 3. Pavements—Pennsylvania—Centre County—Skid resistance. I. Pennsylvania. Dept. of Transportation. Office of Research and Special Studies. II. United States. Federal Highway Administration. Demonstration Projects Division. III. Pennsylvania. Dept. of Transportation. Materials Evaluations Group. IV. Title. V. Title: Sprinkle treatment of asphalt surfaces, Centre County, Pennsylvania. VI. Series: Demonstration project (United States. Federal Highway Administration) ; no. 50. OCLC 11684678

85-13600

TD 2.40:59-6

Crawley, Alfred B.

The use of fly ash in highway construction / Alfred B. Crawley. — [Washington, D.C.] : U.S. Dept. of Transportation, Federal Highway Administration, 1984.

vii, 48 p. : ill., 1 map ; 28 cm. — (Demonstration project ; no. 59) Title on cover: The use of fly ash in highway construction, Jackson County, Mississippi. "Demonstration Projects Program"—Cover. Interim. "Mississippi State Highway Department, Research and Development Division." "Initial report"—Cover. Distributed to depository libraries in microfiche. "March 1984." Bibliography: p. 34. "FHWA-DP-59-6"—Cover. ●Item 982-G-25 (microfiche) STRN: FHWA-DP-59

1. Fly ash. 2. Waste products as road materials—Mississippi—Jackson County. 3. Road construction—Mississippi—Jackson County. I. United States. Federal Highway Administration. II. Mississippi. State Highway Dept. Research and Development Division. III. Title: The use of fly ash in highway construction, Jackson County, Mississippi. IV. Series: Demonstration project (United States. Federal Highway Administration) ; no. 59. OCLC 11746537

85-13601

TD 2.63:984

License plates / U.S. Department of Transportation, Federal Highway Administration. [Washington, D.C.] : The Administration,

v. : col. ill. ; 29 x 70 cm. folded to 29 x 24 cm.

Annual Title from caption. No longer for sale by the Supt. of Docs. Previously classed: TD 2.2:L 61/ 1984. Description based on: 1981. ●Item 982-G-40 S/N 050-001-00278-7

1. Automobile license plates—United States—Periodicals. 2. Automobile license plates—Mexico—Periodicals. 3. Automobile license plates—Canada—Periodicals. I. United States. Federal Highway Administration. OCLC 04921451

**MOTOR CARRIER SAFETY BUREAU**  
Transportation Dept.  
Washington, DC 20590

85-13602

TD 2.302:H 19

Handicapped driver waiver program / Bureau of Motor Carrier Safety. — [Washington, D.C.] : The Bureau, U.S. Dept. of Transportation, Federal Highway Administration, [1984]  
10 p. ; 28 cm. Title on cover: FHWA-BMCS handicapped driver waiver program. "September 1984"—Cover. HMC-12.2/11-84(3 M 250)QE—P. [4] of cover. ●Item 689-A-2  
I. Truck drivers, Physically handicapped. I. United States. Bureau of Motor Carrier Safety. II. Title: FHWA-BMCS handicapped driver waiver program. OCLC 11561880

85-13603

TD 2.310:983

Accidents of motor carriers of property / U.S. Department of Transportation, Federal Highway Administration, Bureau of Motor Carrier Safety. [Washington, D.C.?] : The Bureau, Federal Highway Administration, Bureau of Motor Carrier Safety, 400 7th St., SW, Washington, D.C. 20590  
v. : ill. ; 28 cm.

Annual

Began with 1973. Title from cover. 1983. Description based on: 1979. Some vols. issued together. Vols. for 1979-distributed to depository libraries in microfiche. ●Item 689-A-4 (microfiche) Continues: Accidents of large motor carriers of property ISSN 0565-0089

1. Traffic accidents—United States—Statistics—Periodicals. 2. Trucking—United States—Accidents—Statistics—Periodicals. I. United States. Bureau of Motor Carrier Safety. HE5614.2.U55b 70-602975 //r82 388.3/14 OCLC 02245886

**FEDERAL RAILROAD ADMINISTRATION**  
Transportation Dept.  
Washington, DC 20590

85-13604

TD 3.15:84/02.1

Correlation of concrete tie track performance in revenue service and at the facility for accelerated service testing. — Washington, D.C. : U.S. Dept. of Transportation, Federal Railroad Administration, Office of Research and Development ; Springfield, VA : National Technical Information Service, [distributor] ; 1984.

v. : ill. ; 28 cm. Final report. Mar. 1979 - July 1982. Cover title. "Battelle Columbus Laboratories"—P. 1. "August 1984." Includes bibliographical references. Contents: v. 1. A detailed summary. Contract No.: DOT-FR-8164. "DOT/FRA/ORD-84/02.1." ●Item 701-G STRN: DOT/FRA/ORD-84/02.1

1. Railroads—Ties, Concrete—Testing. 2. Railroads—Ties, Concrete—Evaluation. I. United States. Federal Railroad Administration. Office of Research and Development. II. Battelle Memorial Institute. Columbus Laboratories. III. Title: Concrete tie track performance. OCLC 11684083

**SAFETY OFFICE**  
Transportation Dept.  
Washington, DC 20590

85-13605

TD 3.111:982

Summary of accidents investigated by the Federal Railroad Administration in the ... / Department of Transportation, Federal Railroad Administration, Office of Safety. [Washington, D.C.] : The Office, Federal Railroad Administration, Office of Safety, 400 Seventh St., S.W., Washington, D.C. 20590  
v. ; 28 cm.

Annual Title from cover. Title varies slightly. Calendar year 1982. Description based on: Fiscal year 1975-1976. Vols. for -1975-1976 cover fiscal year; 1977- cover calendar year. Vol. for fiscal year 1975-1976 includes transition quarter. Vols. for (-1973/74) issued by Federal Railroad Administration; (1975-1976-) issued by Federal Railroad Administration, Office of Safety. ●Item 681-C (microfiche)

1. Railroads—United States—Accidents—Periodicals. I. United States. Federal Railroad Administration. Office of Safety. OCLC 05314050

**FEDERAL AVIATION ADMINISTRATION**  
Transportation Dept.  
Washington, DC 20591

85-13606

TD 4.2:A1 7/32

Air traffic control. — [Washington, D.C.?] : U.S. Dept. of Transportation, Federal Aviation Administration, 1984.  
8 p. : ill. (some col.) ; 21 cm. ●Item 431-C-8

1. Air traffic control—United States. I. United States. Federal Aviation Administration. OCLC 11632842

85-13607

TD 4.2:Av 5/9

Aviation Fuel Conservation Symposium (1984 : Washington, D.C.)

Aviation Fuel Conservation Symposium : September 10-11, 1984 / sponsored by Federal Aviation Administration. — Washington, D.C. The Administration, [1984?]

ii, 733 p. : ill. ; 28 cm. Includes bibliographical references. ●Item 431-C-8

1. Aeronautics—United States—Congresses. 2. Airplanes—Fuel consumption—Congresses. 3. Air traffic control—United States—Congresses. I. United States. Federal Aviation Administration. II. Title. OCLC 11684469

85-13608

TD 4.8:Op 5

Take off for opportunities : leader's guide / U.S. Department of Transportation, Federal Aviation Administration. — [Washington, D.C.?] : Printed by the Federal Aviation Administration in cooperation with General Aviation Manufacturers Association, 1984.

3 p. ; 28 cm. ●Item 431-C-4

1. Aeronautics—United States—Vocational guidance. I. United States. Federal Aviation Administration. II. General Aviation Manufacturers' Association. OCLC 11654778

85-13609

TD 4.8/2:8430.1 D

United States. Federal Aviation Administration.

Air carrier operations inspector's handbook : part 135. — [Washington, D.C.?] : Dept. of Transportation, Federal Aviation Administration, 1984-

1 v. (loose-leaf) : ill., forms ; 28 cm. — (Order ; 8430.1D) Cover title. "August 17, 1984." ●Item 431-C-4

# Federal Aviation Administration — Transportation Dept.

1. Air lines—United States—Inspection—Handbooks, manuals, etc. I. Title. II. Series: United States. Federal Aviation Administration. Order ; 8430.1 D. OCLC 11663576

85-13610

TD 4.8/5:23.1305-1

United States. Federal Aviation Administration.

Installation of fuel flowmeters in small airplanes with continuous-flow, fuel-injection, reciprocating engines. — [Washington, D.C.] : U.S. Dept. of Transportation, Federal Aviation Administration, 1984-

1 v. (loose leaf) ; 28 cm. — (AC ; no. 23.1305-1) Caption title. "12-21-84." ●Item 431-A-27

1. Flow meters. 2. Airplanes—Fuel systems. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 23.1305-1. OCLC 11662106

85-13611

TD 4.8/5:61-83 B

United States. Federal Aviation Administration.

Nationally scheduled Federal Aviation Administration (FAA) approved, industry-conducted flight instructor refresher clinics. — [Washington, D.C.] : U.S. Dept. of Transportation, Federal Aviation Administration, 1984-

1 v. (loose-leaf) ; 28 cm. — (AC ; no. 61-83 B) Caption title. "7/6/84." Cancels AC 61-83A dated Nov. 3, 1980. ●Item 431-A-27

1. Flight training—United States. 2. Airplanes—Piloting. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC 61-83 B. OCLC 11661999

85-13612

TD 4.8/5:61-91 D

United States. Federal Aviation Administration.

Pilot proficiency award program. — [Washington, D.C.] : U.S. Dept. of Transportation, Federal Aviation Administration, 1984.

4 p. ; 28 cm. — (Advisory circular ; AC no. 61-91D) Caption title. "8/10/84." Cancels AC 61-91C dated 6/1/83. ●Item 431-A-27

1. Air pilots—Training of—United States. I. Title. II. Series: United States. Federal Aviation Administration. Advisory circular ; AC no. 61-91 D. OCLC 11656428

85-13613

TD 4.10/2:984-2

United States. Federal Aviation Administration.

Federal aviation regulations. Part 39, Airworthiness directives. [Washington, D.C.] : Dept. of Transportation, Federal Aviation Administration ; Oklahoma City, Okla. : for sale by DOT, FAA Aeronautical Center, DOT, FAA Aeronautical Center (consigned agent for Supt. of Docs.), Box 25461, Oklahoma City, OK 73125, Attn: AAC-23

v. : ill. ; 28 cm.

Annual

\$84.00 9Summary of airworthiness directives for small aircraft 9Summary of airworthiness directives for large aircraft Loose-leaf for updating. Jan. 1984, v. 1, bk. 2. Description based on: Jan. 1980, v. 1-2. Contents: v. 1. Summary of airworthiness directives for small aircraft—v. 2. Summary of airworthiness directives for large aircraft. Updated by continuing supplementary material and cumulated irregularly. ●Item 431-A-15 S/N 950-045-00000-1 ISSN 0276-1785

1. Airplanes—Airworthiness—Periodicals. 2. Aeronautics—Law and legislation—United States—Periodicals. I. Title. TL671.1.U65a 81-640689 //r82 629.134/3/05 OCLC 04021147

85-13614

TD 4.10/3:984-2

United States. Federal Aviation Administration.

Federal aviation regulations. Part 39, Airworthiness directives. [Washington, D.C.] : Dept. of Transportation, Federal Aviation Administration ; Oklahoma City, Okla. : for sale by DOT, FAA Aeronautical Center, DOT, FAA Aeronautical Center (consigned agent for Supt. of Docs.), Box 25461, Oklahoma City, OK 73125, Attn: AAC-23

v. : ill. ; 28 cm.

Annual

\$78.00 9Summary of airworthiness directives for small aircraft 9Summary of airworthiness directives for large aircraft Loose-leaf for updating. Jan. 1984, v. 2, bk. 2. Description based on: Jan. 1980, v. 1-2. Contents: v. 1. Summary of airworthiness directives for small aircraft—v. 2. Summary of airworthiness directives for large aircraft. Updated by continuing supplementary material and cumulated irregularly. ●Item 431-A-15 S/N 950-046-00000-7 ISSN 0276-1785

1. Airplanes—Airworthiness—Periodicals. 2. Aeronautics—Law and legislation—United States—Periodicals. I. Title. TL671.1.U65a 81-640689 //r82 629.134/3/05 OCLC 04021147

85-13615

TD 4.32/8:84-6

Noise measurement flight test : data/analyses, Sikorsky S-76A helicopter / by J. Steven Newman ... [et al.]. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, Office of Environmental [sic] and Energy ; Springfield, Va. : National Technical Information Service [distributor], 1984.

x, 104, [75] p. : ill. ; 28 cm. Cover title. Distributed to depository libraries in microfiche. "September 1984." Includes bibliographical references. ●Item 431-A-20 (microfiche) STRN: FAA-EE-84-6

1. Helicopters—Flight testing. 2. Helicopters—Noise. I. Newman, J. Steven. II. United States. Federal Aviation Administration. Office of Environment and Energy. OCLC 11769905

85-13616

TD 4.32/19:8740-45

Your shoulder harness : if you've got it-use it! — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, [1984?]

3 p. : ill. ; 22 cm. "Accident prevention program." "FAA-P-8740-45." "AFO-800-1084." ●Item 431-A-43

1. Automobiles—Seat belts. 2. Automobiles—Safety appliances. I. United States. Federal Aviation Administration. OCLC 11661955

85-13617

TD 4.52:984/2

United States. Federal Aviation Administration.

FAA directory / U.S. Department of Transportation, Federal Aviation Administration. [Washington, D.C.] : The Administration : [Supt. of Docs., U.S. G.P.O., distributor, Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402 v. : maps ; 27 cm.

Semiannual May 1984-

Irregular

\$6.00 Running title: Federal Aviation Administration directory (June 1978)-19 Title from cover. Nov. 1984. Description based on: May 1979. ●Item 431-A-37 S/N 050-007-00688-8 ISSN 0192-057X

1. United States. Federal Aviation Administration I. United States. Federal Aviation Administration. Federal

Aviation Administration directory. II. Title.  
HE9803.A1F43f 79-642912 //r81 353.008/77/025 OCLC  
04554535

**AVIATION MEDICINE OFFICE**  
**Transportation Dept.**  
**Washington, DC 20590**

85-13618

TD 4.210:84-6

Studies of poststrike air traffic control specialist trainees : I., age, biographic factors, and selection test performance related to academy training success / Allan D. VanDeventer ... [et al.]. — Washington, D.C. : U.S. Dept. of Transportation, Federal Aviation Administration, Office of Aviation Medicine ; Springfield, Va. : National Technical Information Service [distributor], 1984.

21 p. : ill. ; 28 cm. Cover title. "Civil Aeromedical Institute." Distributed to depository libraries in microfiche. "June 1984." Includes bibliographies. Prepared for U.S. Department of Transportation, Federal Aviation Administration, Office of Aviation Medicine, Project No.: AM-C-83/84-PSY-92, Project No.: AM-C-83/84-PSY-95. ●Item 431-E-4 (microfiche) STRN: FAA/AM-84-6

1. Air traffic controllers—United States—Rating of. 2. United States. Federal Aviation Administration I. VanDeventer, Allan D. II. United States. Office of Aviation Medicine. III. Civil Aeromedical Institute. OCLC 11421442

**COAST GUARD**  
**Transportation Dept.**  
**Washington, DC 20590**

85-13619

TD 5.2:Sa 1/3/983

Joint Services Safety Conference (22nd : 1983 : New London, Conn.)

22nd Joint Services Safety Conference : New London, CT, 19-22 September 1983. — [Washington, D.C.?] U.S. Coast Guard Academy, [1984?]

45 p. : ill. ; 27 cm. Cover title. "Final report." ●Item 934

1. United States—Armed Forces—Congresses. 2. United States—Armed Forces—Safety measures—Congresses. I. United States Coast Guard Academy. II. Title. III. Title: Twenty-second Joint Services Safety Conference. OCLC 11778245

85-13620

TD 5.4/3:59

Alcohol—bootleg fuel? — Washington, D.C. : U.S. Dept. of Transportation, U.S. Coast Guard, 1984.

27 p. : ill., forms ; 28 cm. — (Boating safety circular ; 59) Caption title. "September 1984." ●Item 941-B-1

1. Boats and boating—United States—Equipment and supplies. 2. Boats and boating—United States—Safety measures. 3. Alcohol as fuel—United States. I. United States. Coast Guard. II. Series. OCLC 11741398

85-13621

TD 5.9:v.1/985

Light list / Department of Transportation, United States Coast Guard. Washington : The Coast Guard : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C., 20402

v. : ill. (some col.) ; 26-28 cm.

Annual

\$15.00 1985, v. 1, Atlantic Coast. Description based on: 1981, v. 2. Issued in parts. Vols. for 1983 distributed to

depository libraries in microfiche. Kept up to date by Notice to mariners, and by Local notice to mariners. ●Item 936 (v. 1,2), 937 (v. 4), 939 (v. 5), 940 (v. 3) S/N 050-012-00207-0 ISSN 0565-1557

1. Aids to navigation—Lists—Periodicals. 2. Aids to navigation—United States—Periodicals. 3. Notices to mariners—United States—Periodicals. I. United States. Coast Guard. sn-82003992 OCLC 02923471

85-13622

TD 5.25/2:9-84

Recreational boating safety : analysis for programmatic decisions / Mandex, Inc. and Deision Science Consortium, Inc. — Washington, D.C. : Dept. of Transportation, U.S. Coast Guard, Office of Research and Development ; Springfield, Va. : National Technical Information Service [distributor, 1984]

vi, 129 p. : ill. ; 28 cm. Final report. Sept. 1983 - April 1984. Cover title. Distributed to depository libraries in microfiche. "April 1984." Includes bibliographies. Prepared for Department of Transportation, United States Coast Guard, Office of Research and Development. Contract No.: DTC023-83-C-20080. ●Item 931-A-3 (microfiche) STRN: CG-D-9-84

1. Boats and boating—United States—Equipment and supplies—Evaluation. 2. Boats and boating—United States—Safety measures. I. Mandex, Inc. II. Decision Science Consortium, Inc. III. United States. Coast Guard. Office of Research and Development. OCLC 11750358

85-13623

TD 5.49:At 6/5

United States. Coast Guard.

Marine casualty report : SS Marine Electric, O.N. 245675, capsizing and sinking in the Atlantic Ocean on 12 February 1983 with multiple loss of life : U.S. Coast Guard Marine Board of Investigation report and Commandant's action. — [Washington, DC] : U.S. Dept. of Transportation, U.S. Coast Guard ; [Springfield, Va. : National Technical Information Service, distributor, 1984?]

137 p. : ill., 1 map ; 28 cm. 25 July 1984. Cover title. Commandant (G-MMI-1/14) ●Item 931-A-17 STRN: 16732/0001 HQS 83

1. Marine accidents. 2. Merchant ships—Virginia—Accidents. 3. Merchant marine—United States—Safety measures. I. United States. Coast Guard. Marine Board of Investigation. II. Title. III. Title: SS Marine Electric. OCLC 11778227

**URBAN MASS TRANSPORTATION**  
**ADMINISTRATION**  
**Transportation Dept.**  
**Washington, DC 20590**

85-13624

TD 7.8:T 68/5

Transportation network analysis : intersection analysis, users' guide : a guide to the intersection analysis features of the UTPS program UROAD / prepared by John Hamburg & Associates, Inc. and Price, Williams, & Associates, Inc. — [Washington, D.C.?] : Office of Technical Assistance, Urban Mass Transportation Administration, U.S. Dept. of Transportation ; [Springfield, Va. : National Technical Information Service, distributor], 1984.

156 p. : ill., forms ; 28 cm. "March 1984." Prepared for Office of Technical Assistance, Urban Mass Transportation Administration, U.S. Department of Transportation. Project No.: URT-41. ●Item 982-H-3

## National Highway Traffic Safety Administration — Transportation Dept.

1. Roads—United States—Interchanges and intersections—Mathematical models. 2. Network analysis (Planning)—Mathematical models. I. John Hamburg and Associates. II. Price, Williams, and Associates. III. United States. Urban Mass Transportation Administration. Office of Technical Assistance. IV. Title: Intersection analysis, users' guide. OCLC 11662133

85-13625

TD 7.11:IT-06-0273-84-1

Muotoh, D.

Cost savings potential from improvement in railcar reliability and maintainability / D. Muotoh, C. Elms. — Washington, D.C. : U.S. Dept. of Transportation, Urban Mass Transportation Administration, Office of Technical Assistance ; Springfield, Va. : National Technical Information Service [distributor], 1984.

xiii, 74 p. : ill. ; 28 cm. Technical report. Cover title. "N.D. Lea & Associates, Inc." Distributed to depository libraries in microfiche. "April 1984." "UMTA Technical Assistance Program." U.S. Department of Transportation, Urban Mass Transportation Administration, Contract No.: DTUM60-82-C71122, Task 6. ●Item 982-H-8 (microfiche) S/N PB84-225093 @ National Technical Information Service STRN: UMTA-IT-06-0273-84-1

1. Electric railroads—United States—Cars—Reliability. 2. Subways—United States—Rolling-stock—Reliability. I. Elms, C. (Charles) II. United States. Urban Mass Transportation Administration. Technical Assistance Program. III. N.D. Lea & Associates. IV. Title. OCLC 11088254

85-13626

TD 7.11:MA-06-0067-77-02

Development/deployment investigation of Cabintaxi/Cabinlift system / jointly prepared by U.S. Department of Transportation, Transportation Systems Center = Cabinentaxi/Cabinenlift Untersuchung von Technologie, Entwicklung und Betrieb / Gemeinschaftlich erstellt von SNV Studiengesellschaft Nahverkehr mbH. — Washington, D.C. : U.S. Dept. of Transportation, Urban Mass Transportation Administration ; Springfield, Va. : National Technical Information Service [distributor], 1978.

1 v. (various pagings) : ill., maps ; 27 cm. Final report. October 1976 - April 1977. Cover title. Distributed to depository libraries in microfiche. "December 1977." Includes bibliographical references. Forderungskennzeichen: TV 7622. U.S. Department of Transportation, Urban Mass Transportation Administration. Federal Ministry of Research and Technology. Contract No.: UM-836/R8744. ●Item 982-I-5 (microfiche) STRN: Report no. UMTA-MA-06-0067-77-02

1. Personal rapid transit. 2. Urban transportation. I. Transportation Systems Center. II. SNV Studiengesellschaft Nahverkehr. OCLC 03775274

### NATIONAL HIGHWAY TRAFFIC SAFETY ADMINISTRATION Transportation Dept. Washington, DC 20590

85-13627

TD 8.2:AI 7/12/phase 3

Easer, R.

Airbag demonstration program : phase III / Robert C. Easer. — East Liberty, Ohio : U.S. Dept. of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center ; Springfield, Va. : National Technical Information Service [distributor], 1984

19, [54] p. : ill. ; 28 cm. Final. April - August 1984. Cover title. "September 1984." ●Item 982-D-1 STRN: DOT HS-806 666 STRN: RD-583-2

1. Air bag restraint systems. I. Vehicle Research and Test Center (U.S.) II. Title. OCLC 11684743

85-13628

TD 8.2:C 73/19

Computerized algorithms for evaluating prehospital care. — [Washington, D.C.?] : U.S. Dept. of Transportation, National Highway Traffic Safety Administration : Dept. of Health & Human Services, National Center for Health Services Research ; Springfield, Va. : National Technical Information Service, [distributor], 1983

1 v. (various pagings) : ill., forms ; 28 cm. Final report. 1975 - 1983. Cover title. "June 1983." "Health Operations Research Group, University of Pittsburgh." Includes bibliographical references. National Center for Health Services Research, Public Health Service, Department of Health and Human Services. Grant No.: NCHSR grant HS-02902.

●Item 982-D-1 STRN: DOT HS 806 596

1. Emergency medical services—United States—Data processing. 2. Hospitals—United States—Emergency service—Data processing. 3. Algorithms. I. United States. National Highway Traffic Safety Administration. II. National Center for Health Services Research. III. University of Pittsburgh. Health Operations Research Group. OCLC 11752360

85-13629

TD 8.2:C 73/20

Estimation of the weight and consumer price of late model vehicle components relating to the implementation of Federal motor vehicle standards 108, 202, 204, and 214 / Autosafety Engineering Corporation. — [Washington, D.C.] : U.S. Dept. of Transportation, National Highway Traffic Safety Administration ; Springfield, Va. : National Technical Information Service [distributor], 1982

1 v. (various pagings) : ill. ; 28 cm. Final report. 1 April 1982. Cover title. "March 1982." Contract No.: DTNH22-80-A-06002. ●Item 982-D-1 STRN: DOT HS 806 257

1. Motor vehicles—United States—Weight. 2. Motor vehicles—Prices—United States. 3. Motor vehicles—United States. I. Autosafety Engineering Corporation. II. United States. National Highway Traffic Safety Administration. OCLC 11764671

85-13630

TD 8.2:Im 7/10

Stultz, J.

MDB-to-car side impact test of a 19 crabbled moving deformable barrier to a 1976 Volkswagen Rabbit at 34.3 MPH / prepared by Vehicle Research and Test Center. — Washington, D.C. : U.S. Dept. of Transportation National Highway Traffic Safety Administration ; Springfield, Va. : [National Technical Information Service, distributor], 1985.

1 v. (various pagings) : ill. ; 28 cm. Final report. August 1983. Cover title. "September 1983." Prepared for U.S. Department of Transportation, National Highway Traffic Safety Administration. Contract No.: DTNH22-82-A-08401 ●Item 982-D-1 STRN: DOT HS 806 500

1. Rabbit automobile—Crashworthiness. 2. Automobiles—United States—Crashworthiness. I. Vehicle Research and Test Center (U.S.) II. United States. National Highway Traffic Safety Administration. III. Title. OCLC 11685661

85-13631

TD 8.2:Im 7/11

Stultz, J.

MDB-to-car side impact test of a 19 crabbled moving deformable barrier to a 1976 Volkswagen Rabbit at 34.3 MPH /

prepared by Vehicle Research and Test Center. — Washington, D.C. : U.S. Dept. of Transportation National Highway Traffic Safety Administration ; Springfield, Va. : [National Technical Information Service, distributor], 1985.

1 v. (various pagings) : ill. ; 28 cm. Final report. October 1983. Cover title. "November 1983." Prepared for U.S. Department of Transportation, National Highway Traffic Safety Administration. Contract No.: DTNH22-82-A-08401 ●Item 982-D-1 STRN: HS-806504

1. Rabbit automobile — Crashworthiness. 2. Automobiles — United States — Crashworthiness. I. Vehicle Research and Test Center (U.S.) II. United States. National Highway Traffic Safety Administration. III. Title. OCLC 11685744

85-13632

TD 8.2:T 28/6/phase 2/v.3

Test device and test procedure to assess side structures. — [Washington, D.C.] : U.S. Dept. of Transportation, National Highway Traffic Safety Administration ; Springfield, Va. : National Technical Information Service [distributor, 1983]-

v. : ill. ; 28 cm. Final report. September 1979 - August 1983. Cover title. "Dynamic Science, Inc." "August 1983"—Vol. 3. "Phase II"—Vol. 3. Includes bibliographical references. Contents: v. 3. Appendices A-D. Contract No.: DOT-HS-8-01933(II) Description based on vol. 3. ●Item 982-D-1 STRN: DOT HS 806 656

1. Automobiles — United States — Crashworthiness — Testing. I. United States. National Highway Traffic Safety Administration. II. Dynamic Science, Inc. OCLC 11741389

85-13633

TD 8.2:T 28/9

Stultz, J.

Bumper tests of a 1979 Ford LTD retrofitted with Romeo-Kojoy and breed all mechanical air bag sensor systems. / J. Stultz. — East Liberty, Ohio : U.S. Dept. of Transportation, National Highway Traffic Safety Administration, Vehicle Research and Test Center ; [Springfield, Va. : National Technical Information Service, distributor, 1984]

1 v. (various pagings) : ill. ; 28 cm. Final report. June 1984. Cover title. "July 1984." Contract No.: DTNH22-82-A08401. ●Item 982-D-1 STRN: DOT HS 806 668

1. Automobiles — United States — Bumpers — Testing. 2. Air bag restraint systems. I. Vehicle Research and Test Center (U.S.) II. Title. OCLC 11741395

85-13634

TD 8.2:T 76/18

An Evaluation of methods to investigate truck tire wet traction / I. Gusakov ... [et al.] . — [Washington, DC] : U.S. Dept. of Transportation, National Highway Traffic Safety Administration ; Springfield, Va. : National Technical Information Service [distributor], 1984.

1 v. (various pagings) : ill. ; 28 cm. Final technical report. Cover title. "Calspan Corporation/Advanced Technology Center"—P. i. "March 1984." Includes bibliographical references. Contract No.: DTNH22-80-C-07093 ●Item 982-D-1 STRN: DOT-HS-806/577

1. Tires, Rubber — Traction. 2. Trucks — Tires. 3. Trucks — Skidding. I. Gusakov, I. (Ignaty) II. United States. National Highway Traffic Safety Administration. III. Calspan Corporation. Advanced Technology Center. OCLC 11615994

85-13635

TD 8.8:D 84/3

Drunk driving public information program strategies and planning guide. — [Washington, D.C.?] : National Highway Traffic Safety Administration, Office of Alcohol Countermeasures, U.S. Dept. of Transportation, 1985.

148 p. ; 28 cm. "January 1985." Includes index. Contract no. DTNH 22-81-C-05093. "DOT HS 806 680"—P. [4] of cover. ●Item 982-D-3

1. Drunk driving — United States. 2. Drinking and traffic accidents — United States. 3. Traffic safety — United States. I. United States. National Highway Traffic Safety Administration. Office of Alcohol Countermeasures. OCLC 11684580

85-13636

TD 8.8:Sa 1/11

The Safety belt proponent's guide. — [Washington, D.C.?] : U.S. Dept. of Transportation, National Highway Traffic Safety Administration, 1985.

96 p. : ill. ; 28 cm. Cover title. Originally published by the Highway Users Federation and the Automotive Safety Foundation. "Reprinted by the National Highway Traffic Safety Administration, Office of Occupant Protection"—P. [4] of cover. "January 1985"—P. [4] of cover. Includes bibliographical references. "DOT HS 806 683"—P. [4] of cover. ●Item 982-D-3

1. Automobiles — United States — Seat belts. 2. Traffic safety — United States — Handbooks, manuals, etc. I. United States. National Highway Traffic Safety Administration. OCLC 11749996

## MATERIALS TRANSPORTATION BUREAU

Transportation Dept.

Washington, DC 20590

85-13637

TD 9.8:R 11/3

All about radioactive materials packages : a guide for supervisors at cargo terminals. — Rev. Oct. 1984. — Washington, D.C. : U.S. Dept. of Transportation, Research and Special Programs Administration, 1984.

16 p. : ill., 1 map ; 28 cm. ●Item 482-J-2

1. Radioactive substances — United States — Transportation. 2. Hazardous substances — United States — Transportation. I. United States. Dept. of Transportation. Research and Special Programs Administration. II. Title: A guide for supervisors at cargo terminals. OCLC 11489748

## RESEARCH AND SPECIAL PROGRAMS

ADMINISTRATION

Transportation Dept.

Washington, DC 20590

85-13638

TD 10.6:P 66

United States. Dept. of Transportation. Research and Special Programs Administration.

Pipeline safety regulations : enforcement procedures, part 190 : natural gas, part 191-192. — Rev. as of Nov. 1, 1983. — [Washington, D.C.?] : U.S. Dept. of Transportation, Research and Special Programs Administration, 1983.

p. 499-569, 637-644 ; 23 cm. Cover title. Includes bibliographical references. ●Item 982-K-6

1. Pipe lines — Safety regulations — United States. 2. Gas, Natural — Pipe lines — Safety regulations — United States. I. Title. OCLC 11735879

## Maritime Administration — Transportation Dept.

85-13639

TD 10.6:P 66/2

Pipeline safety regulations : enforcement procedures, part 190 : natural gas part, 191-192 : liquified natural gas, part 193 : hazardous liquids part 195. — Rev. Nov. 1, 1983. — [Washington, D.C.?] : U.S. Dept. of Transportation, Research and Special Programs Administration, 1983 (1984 printing) p. 499-644 : ill. ; 23 cm. Cover title. Bibliography: p. 639-644. ●Item 982-K-6

1. Gas, Natural — Pipe lines — Safety regulations — United States. 2. Liquefied natural gas — Pipe lines — Safety regulations — United States. 3. Hazardous substances — Pipe lines — Safety regulations — United States. I. United States. Dept. of Transportation. Research and Special Programs Administration. OCLC 11739976

### MARITIME ADMINISTRATION Transportation Dept. Washington, DC 20590

85-13640

TD 11.8:M 69/exec.sum.

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide : executive summary / prepared by E.J. Bentz and Associates, Inc. ; prepared for Maritime Administration, Office of Port and Intermodal Development and Department of Transportation and Development. — [Washington, D.C.?] : The Office, 1985.

i, 85 p. : ill., 1 map ; 28 cm. "December 1984." Includes bibliographical references. ●Item 235-B

1. Barges. 2. Mississippi River Watershed. I. E.J. Bentz & Associates. II. United States. Office of Port and Intermodal Development. III. Louisiana. Dept. of Transportation and Development. OCLC 11722926

85-13641

TD 11.8:M 69/v.1-2

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide / prepared by E.J. Bentz and Associates, Inc., Pyburn and Odom, Inc., IBJ Associates ; prepared for the Maritime Administration, Office of Port and Intermodal Development and Department of Transportation and Development, State of Louisiana. — [Washington, D.C.?] : The Office, 1985.

2 v. (xix, 545 p.) : ill., maps ; 28 cm. Includes bibliographical references. Contents: v. 1. The barge fleet industry and port competitiveness — v. 2. Barge fleet handbook guide and site-evaluation methodology. ●Item 235-B

1. Barges. 2. Mississippi River Watershed. I. E.J. Bentz & Associates. II. Pyburn and Odom. III. IBJ Associates. IV. United States. Office of Port and Intermodal Development. V. Louisiana. Dept. of Transportation and Development. OCLC 11722968

85-13642

TD 11.8:P 83

Port risk management guidebook: a risk management and insurance reference for U.S. ports / prepared for Office of Port and Intermodal Development, Maritime Administration ; prepared by the Wyatt Company, Risk Management Services. — Washington, D.C. : U.S. Dept. of Transportation, Maritime Administration, 1984.

viii, 119 p. : forms ; 28 cm. "January 1985." Includes bibliographical references and index. ●Item 235-B

1. Harbors — United States — Management. 2. Risk management — United States. 3. Insurance, Marine — United States. I. United States. Office of Port and Intermodal Development. II. Wyatt Company. Risk Management Services. OCLC 11627953

85-13643

TD 11.11:984-2

Vessel inventory report / U.S. Dept. of Commerce, Maritime Administration. [Washington, D.C.] : The Administration, 1976- U.S. Dept. of Transportation, Maritime Administration, Office of Trade Studies and Statistics, Division of Statistics, Washington, D.C., 20590

v. ; 27 cm.

Semiannual

June 30, 1976- Previously classed: C 39.217: July 1, 1984.

Vol. for Dec. 31, 1977 called Dec. 31, 1978; vol. for Dec. 31, 1978 not published. Vols. for June 1981, June 1982, Jan. 1983 distributed to depository libraries in microfiche. Vols. for June 1976- prepared by Maritime Administration, Office of Subsidy Administration; (June 1980-July 1983) by Maritime Administration, Office of Trade Studies and Statistics, Division of Statistics. Vols. for (Dec. 1977-) issued by Maritime Administration, Office of Trade Studies and Statistics, Division of Statistics. ●Item 236-F (microfiche) ISSN 0735-2220 Continues: Vessel inventory report : United States flag, dry cargo and tanker fleets, 1,000 gross tons and over

1. Ship registers — United States — Periodicals. I. United States. Maritime Administration. II. United States. Maritime Administration. Office of Subsidy Administration. III. United States. Maritime Administration. Office of Trade Studies and Statistics. Division of Statistics. sc-82008102 OCLC 05000743

85-13644

TD 11.25:983

Report on survey of U.S. shipbuilding and repair facilities / prepared by Office of Ship Construction, Division of Production. [Washington, D.C.?] : U.S. Dept. of Commerce, Maritime Administration, U.S. Dept. of Commerce, Maritime Administration, Washington, D.C. 20230

v. : ill. ; 28 cm.

Annual 1983. Description based on: 1980. Vols. for 1981- distributed to depository libraries in microfiche.

●Item 233-N (microfiche) ISSN 0193-3337 Continues: Report on survey of shipbuilding and repair industry

1. Shipyards — United States — Periodicals. 2. Ships — United States — Maintenance and repair — Periodicals. I. United States. Maritime Administration. II. United States. Office of Ship Construction. Division of Production. VM299.6.U56a 79-643387 //r81 338.4/7/623830973 OCLC 04618057

### VETERANS ADMINISTRATION Washington, DC 20420

85-13645

VA 1.2:ln 3

United States. Veterans Administration. Information Technology Center.

ITC resources catalogue. — Washington, DC : Veterans Administration, Office of Data Management and Telecommunications [1984]

29 p. ; 28 cm. — (Catalog ; 30-2) Cover title. "Information Technology Center (ITC)" "November 1984"—P. [4] of cover. ●Item 985

1. United States. Veterans Administration. Information Technology Center 2. Computer programmers — Training of — United States. I. Title. II. Series: United States. Veterans Administration. Information Technology Center. Catalog. 30-2. OCLC 11758720

85-13646

VA 1.10:Em 3

Emergency room manual. — [Chicago, Ill.]: VA Lakeside Medical Center, [1984]

54 leaves : ill., forms ; 28 cm. Cover title. "June 1984."

●Item 987

1. Hospitals — United States — Emergency service — Handbooks, manuals, etc. 2. Hospitals, Veterans' — United States — Handbooks, manuals, etc. I. Veterans Administration West Side Medical Center (Chicago, Ill.) OCLC 11741505

85-13647

VA 1.10/4:G-19/M-2/pt.5

United States. Veterans Administration. Nursing Service.

Nursing service administrative development : first level program guide / Veterans Administration. — Washington, D.C. : Dept. of Medicine and Surgery, Nursing Service, [1984]

iii, 12 p. ; 28 cm. Cover title. "July 27, 1984"—Cover. Bibliography: p. 9-12. "G-19, M-2, part V." ●Item 987

1. Nursing — United States. I. Title. OCLC 11654735

85-13648

VA 1.20/4:3/sec.8

United States. Veterans Administration. Office of Procurement and Supply.

Supply catalog. — Washington, DC : Veterans Administration, Office of Procurement and Supply, 1984-

v. : ill. ; 28 cm. — (VA catalog ; no. 3, section VIII) Cover title. Description based on section 4. Supersedes the Equipment use standards, section VIII, VA catalog no. 3, dated June 1981. "September 1984"—Section 8. Includes bibliographical references and indexes. Contents: section 8. Equipment use standards. ●Item 983-A-1

1. United States. Veterans Administration I. Title. II. Series: United States. Veterans Administration. VA catalog ; no. 3, section 8. OCLC 11136677

85-13649

VA 1.22:90-5/3

VA reaches out to veterans in business : could you use a multibillion dollar customer? — Washington, DC : Veterans Administration, Office of Small and Disadvantaged Business Utilization, 1985.

7 p. ; 21 cm. — (IB ; 90-5) Cover title. "January 1985"—P. [4] of cover. ●Item 986-A

1. United States. Veterans Administration. 2. Government purchasing — United States. I. United States. Veterans Administration. Office of Small and Disadvantaged Business Utilization. II. Series: Information bulletin (United States. Veterans Administration) ; IB 90-5. OCLC 11722090

85-13650

VA 1.62:985

Directory of veterans organizations. Washington, D.C. : Office of the Administrator of Veterans Affairs, 1984- Office of the Administrator, Veterans Service Organization Coordination, Veterans Administration, 810 Vermont Ave., N.W., Room 1018, Washington, D.C. 20420

v. ; 28 cm.

Annual

1984- 1985. ●Item 983-A-7 ISSN 0743-3166 Continues: Directory of veterans organizations and state departments of veterans affairs

1. Veterans — United States — Societies, etc. — Directories. I. United States. Veterans Administration. Office of the Administrator of Veterans Affairs. UB357.C54 84-641891 355.1/15/06073 #2 19 OCLC 10511570

85-13651

VA 1.74:70-85-1

Heltman, Lynne R.

Interstate migration of the older veteran population : 1975 to 1980. — [Washington, D.C. : Veterans Administration, Office of Information Management and Statistics, Statistical Policy and Research Service, Research Division, 1985]

1 folded sheet (6 p.) : 3 col. maps ; 28 cm. — (Statistical brief.) "January 1985"—P. [1] ●Item 989-F

1. Veterans — United States — Statistics. 2. Migration, Internal — United States — Statistics. I. United States. Veterans Administration. Office of Information Management and Statistics. Research Division. II. Title. III. Series: Statistical brief (United States. Veterans Administration) ; SB 70-85-1. OCLC 11737514

## CONGRESSIONAL SERIAL SET

85-13652

Y 1.1/2:Serial 13457

United States Congressional serial set. Washington : U.S. G.P.O.,

Spine title: U.S. Congressional serial set Prior to the 97th Congress, the serial set had no official name; it was popularly known as the Congressional serial set. SENATE EXECUTIVE REPORTS. ... nos. 46-65, 97th Congress, 2nd session, 1982. ●Item 1008-E  
OCLC 03888071

85-13653

Y 1.1/2:Serial 13461

United States Congressional serial set. Washington : U.S. G.P.O.,

Spine title: U.S. Congressional serial set Prior to the 97th Congress, the serial set had no official name; it was popularly known as the Congressional serial set. HOUSE DOCUMENTS. ... nos. 131-146, 97th Congress, 2nd session, 1982. ●Item 996-C  
OCLC 03888071

85-13654

Y 1.1/2:Serial 13463

United States Congressional serial set. Washington : U.S. G.P.O.,

Spine title: U.S. Congressional serial set Prior to the 97th Congress, the serial set had no official name; it was popularly known as the Congressional serial set. HOUSE DOCUMENTS. ... nos. 148-168, 97th Congress, 2nd session, 1982. ●Item 996-C  
OCLC 03888071

85-13655

Y 1.1/2:Serial 13465

United States Congressional serial set. Washington : U.S. G.P.O.,

Spine title: U.S. Congressional serial set Prior to the 97th Congress, the serial set had no official name; it was popularly known as the Congressional serial set. HOUSE DOCUMENTS. ... nos. 170-178, 97th Congress, 2nd session, 1982. ●Item 996-C  
OCLC 03888071

85-13656

Y 1.1/2:Serial 13466

United States Congressional serial set. Washington : U.S. G.P.O.,

Spine title: U.S. Congressional serial set Prior to the 97th Congress, the serial set had no official name; it was popularly known as the Congressional serial set. HOUSE

## Senate Documents

DOCUMENTS. ... nos. 179-182, 97th Congress, 2nd session, 1982. ●Item 996-C  
OCLC 03888071

85-13657

Y 1.1/2:Serial 13480

United States Congressional serial set. Washington : U.S. G.P.O.,

Spine title: U.S. Congressional serial set Prior to the 97th Congress, the serial set had no official name; it was popularly known as the Congressional serial set. HOUSE REPORTS. ... nos. 80, pt. 2-450, 97th Congress, 2nd session, 1982. ●Item 1008-E  
OCLC 03888071

85-13658

Y 1.1/2:Serial 13488

United States Congressional serial set. Washington : U.S. G.P.O.,

Spine title: U.S. Congressional serial set Prior to the 97th Congress, the serial set had no official name; it was popularly known as the Congressional serial set. HOUSE REPORTS. ... nos. 760-785, 97th Congress, 2nd session, 1982. ●Item 1008-E  
OCLC 03888071

## SENATE DOCUMENTS

Senate documents are available from the Senate Document Room unless otherwise indicated.

85-13659

Y 1.1/3:98-1

Dowless, W. A.

Senate manual containing the standing rules, orders, laws, and resolutions affecting the business of the United States Senate : Articles of Confederation and the Constitution of the United States / prepared by W.A. Dowless. — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1984.

v, 879 p. ; 24 cm. — (Senate document ; 98-1) "Committee on Rules and Administration." Distributed to some depository libraries in microfiche. Includes bibliographical references and indexes. ●Item 996-A, 996-B (microfiche) S/ N 052-071-00677-0 @ GPO \$14.00

I. United States. Congress. Senate I. United States. Congress. Senate. Committee on Rules and Administration. II. United States. Articles of Confederation. III. United States. Constitution. IV. Title. V. Series: Senate document (United States. Congress (98th, 2nd session : 1984). Senate) ; no. 98-1. OCLC 11437332

85-13660

Y 1.1/3:98-5

What changes are most needed in the procedures used in the United States justice system? : national debate topic for high schools 1983-1984, pursuant to Public Law 88-246 / compiled by the Congressional Research Service, Library of Congress. — [Washington, D.C. : U.S. G.P.O., 1983?]

vii, 938 p. : ill. ; 24 cm. — (Document / 98th Congress, 1st session, Senate ; no. 98-5) Bibliography: p. 869-898.

I. Justice, Administration of — United States. I. Library of Congress. Congressional Research Service. II. Series: Senate document (United States. Congress (98th, 1st session : 1983). Senate) ; no. 98-5. OCLC 09915533

85-13661

Y 1.1/3:98-12

Memorial addresses and other tributes in the Congress of the United States on the life and contributions of Milton R. Young, Ninety-eighth Congress, first session / [compiled under the direction of the Joint Committee on Printing]. — Washington : U.S. G.P.O., 1983.

vi, 46 p. ; 1 port. ; 24 cm. — (Senate document ; no. 98-12)

1. Young, Milton Ruben, 1897-1983 2. Legislators — United States — Biography — Addresses, essays, lectures. 3. United States. Congress. Senate I. United States. Congress. Joint Committee on Printing. II. Series: Senate document (United States. Congress (98th, 1st session : 1983). Senate) ; no. 98-12. OCLC 11689709

## SENATE TREATY DOCUMENTS

Senate documents are available from the Senate Document Room unless otherwise indicated.

85-13662

Y 1.1/4:98-2

International Coffee Agreement, 1983.

International Coffee Agreement, 1983 : message from the President of the United States transmitting the International Coffee Agreement, 1983, signed by the United States on March 23, 1983. — Washington : U.S. G.P.O., 1983.

84 p. ; 24 cm. — (Treaty doc. ; no. 98-2) At head of title: 98th Congress, 1st session. Senate. "Referred to the Committee on Foreign Relations." "May 4, 1983."

1. Coffee — Law and legislation — United States. 2. Export controls — United States. I. United States. President (1981- : Reagan) II. United States. III. United States. Congress. Senate. Committee on Foreign Relations. IV. Title. V. Series. OCLC 10032855

85-13663

Y 1.1/4:99-1

Radio Regulations (Geneva, 1979). Protocols, etc., 1983 Mar. 18

1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983. — Washington : U.S. G.P.O., 1985.

xvii, 199 p. ; 24 cm. — (Treaty doc. ; no. 99-1) At head of title: 99th Congress, 1st session. Senate. "Referred to the Committee on Foreign Relations." Distributed to some depository libraries in microfiche. "January 7, 1985." ●Item 996-A, 996-B (microfiche)

1. International Telecommunication Union. 2. Broadcasting. 3. Artificial satellites in telecommunication. 4. Mobile communication systems. 5. Marine radio stations. I. United States. President (1981- : Reagan) II. United States. Congress. Senate. Committee on Foreign Relations. III. World Administrative Radio Conference for the Mobile Services (1983 : Geneva, Switzerland) IV. Title. V. Series. OCLC 11663499

# SENATE REPORTS

Senate reports are available from the Senate Document Room unless otherwise indicated.

85-13664

Y 1.1/5:98-8

United States. Congress. Senate. Committee on Energy and Natural Resources.

Redesignating Saint Croix National Monument, Maine : report (to accompany S.J. Res. 25). — [Washington, D.C.? : U.S. G.P.O., 1983]

4 p. ; 24 cm. — (Report / 98th Congress, 1st session, Senate ; no. 98-8) Caption title. "February 23, 1983."

1. Historic sites—Maine. 2. Saint Croix Island International Historic Site (Saint Croix, Me.) I. Title. II. Series: United States. Congress (98th, 1st session : 1983). Senate. Report ; no. 98-8. OCLC 11681587

85-13665

Y 1.1/5:98-401

United States. Congress. Senate. Committee on Labor and Human Resources.

Health maintenance organization amendments of 1984 : report (to accompany S. 2311). — [Washington, D.C.? : U.S. G.P.O., 1984]

42 p. : ill. ; 24 cm. — (Report / 98th Congress, 2d session, Senate ; 98-401) Caption title. "April 18, 1984." Bibliography: p. 5.

1. Health maintenance organizations—Law and legislation—United States. 2. Health maintenance organizations—United States—Finance. 3. Federal aid to health maintenance organizations—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-401. OCLC 11683861

85-13666

Y 1.1/5:98-453

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

Washington Dulles International Airport : report (to accompany S. 2483). — [Washington, D.C.? : U.S. G.P.O., 1984]

3 p. ; 24 cm. — (Report / 98th Congress, 2d session, Senate ; 98-453) Caption title. "May 17 ... 1984."

1. Washington Dulles International Airport. 2. Airports—Washington (D.C.) 3. Washington (D.C.)—Airports. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-453. OCLC 11681729

85-13667

Y 1.1/5:98-455

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

National Aeronautics and Space Administration Authorization Act : report (to accompany H.R. 5154). — [Washington, D.C.? : U.S. G.P.O., 1984?]

69 p. ; 24 cm. — (Report / 98th Congress, 2d session, Senate ; 98-455) Caption title. "May 17 ... 1982."

1. United States. National Aeronautics and Space Administration. 2. United States—Appropriations and expenditures. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-455. OCLC 11681778

85-13668

Y 1.1/5:98-462

United States. Congress. Senate. Committee on Energy and Natural Resources.

Arkansas Wilderness Act of 1984 : report (to accompany S. 2125). — [Washington, D.C.? : U.S. G.P.O., 1984]

17 p. ; 24 cm. — (Report / 98th Congress, 2d session, Senate ; 98-462) Caption title. "May 18 ... 1984."

1. Wilderness areas—Arkansas. 2. Wilderness areas—Law and legislation—United States. 3. National parks and reserves—Arkansas. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-462. OCLC 11681685

85-13669

Y 1.1/5:98-480

United States. Congress. Senate. Committee on the Judiciary. State Justice Institute Act of 1984 : report (to accompany S. 384). — [Washington, D.C.? : U.S. G.P.O., 1984]

23 p. ; 24 cm. — (Report / 98th Congress, 2d session, Senate ; 98-480) Caption title. "May 24 ... 1984." Includes bibliographical references.

1. State Justice Institute (U.S.) 2. Court administration—United States—States. 3. Justice, Administration of—United States—States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-480. OCLC 11689450

85-13670

Y 1.1/5:98-508

United States. Congress. Senate. Committee on Energy and Natural Resources.

Renewable Energy Development Act of 1983 : report (to accompany H.R. 3169). — [Washington, D.C.? : U.S. G.P.O., 1984]

10 p. ; 24 cm. — (Report / 98th Congress, 2d session, Senate ; 98-508) Caption title. "June 8 ... 1984."

1. Renewable energy sources—United States. 2. Energy development—United States. 3. Service industries—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-508. OCLC 11689500

85-13671

Y 1.1/5:98-524

United States. Congress. Senate. Committee on Environment and Public Works.

Federal-Aid Highway Act of 1982 : report of the Committee on Environment and Public Works, United States Senate, together with additional views to accompany S. 2527. — Washington : U.S. G.P.O., 1984.

iv, 61 p. ; 24 cm. — (Report / 98th Congress, 2d session, Senate ; 98-524) "June 15 ... 1984."

1. Roads—Finance—Law and legislation—United States. 2. Highway law—United States. 3. Federal aid to transportation—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-524. OCLC 11735081

85-13672

Y 1.1/5:99-1

United States. Congress. Senate. Committee on Banking, Housing, and Urban Affairs.

Oversight activities of the Committee on Banking, Housing, and Urban Affairs, United States Senate. Washington : U.S. G.P.O.,

v. ; 24 cm. (Report / 99th Congress, 1st session, Senate ; no. 99-1)

Biennial Title from cover. 98th Congress. Description based on: 96th Congress. Vols. for (96th Congress-) distributed to some depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) Main series: United States. Congress. Senate. Report

1. United States. Congress. Senate. Committee on Banking, Housing, and Urban Affairs—Periodicals. 2. Banking law—United States—Periodicals. 3. Housing—Law and legislation—United States—Periodicals. I. Title. II.

## House Documents

Series: United States. Congress (99th, 1st session : 1985).  
Senate. Report ; no. 99-1. OCLC 04913163

### HOUSE DOCUMENTS

House documents are available from the House Documents Room unless otherwise indicated.

85-13673

Y 1.1/7:98-49

United States. President (1981- : Reagan)

Review of United States strategic forces : communication from the President of the United States transmitting a detailed technical assessment review of U.S. strategic forces, pursuant to subsection 7 of Title V, Public Law 97-377. — Washington : U.S. G.P.O., 1983.

23 p. : ill. ; 24 cm. — (House document ; no. 98-49) "Referred to the Committee on Appropriations." "April 19, 1983." [4 cds]

1. Intercontinental ballistic missiles. 2. Strategic forces — United States. 3. United States — Armed Forces — Weapons systems. I. Reagan, Ronald. II. United States. Congress. House. Committee on Appropriations. III. Title. IV. Series: House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-49. OCLC 09671390

85-13674

Y 1.1/7:98-50

United States. President (1981- : Reagan)

Supplemental appropriations : communication from the President of the United States transmitting proposed supplemental appropriations for fiscal year 1984 and amendments to the request for appropriations for the fiscal year 1984. — Washington : U.S. G.P.O., 1983.

57 p. ; 24 cm. — (House document ; no. 98-50) "Referred to the Committee on Appropriations." "April 20, 1983."

1. United States — Appropriations and expenditures, 1984. I. Reagan, Ronald. II. United States. Congress. House. Committee on Appropriations. III. Title. IV. Series: House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-50. OCLC 11693803

85-13675

Y 1.1/7:98-51

United States. President (1981- : Reagan)

Deferrals : message from the President of the United States transmitting a report on four new deferrals of budget authority for fiscal year 1983, and one revision to a previously reported deferral of budget authority, pursuant to sections 1013(a) and 1014(c) of Public Law 93-344. — Washington : U.S. G.P.O., 1983.

10 p. : forms ; 24 cm. — (House document ; no. 98-51) "Referred to the Committee on Appropriations." "April 21, 1983."

1. Executive impoundment of appropriated funds — United States. 2. Budget — United States. 3. United States — Appropriations and expenditures, 1983. I. Reagan, Ronald. II. United States. Congress. House. Committee on Appropriations. III. Title. IV. Series: House document (United States. Congress (97th, 1st session : 1981). House) ; no. 99-51. OCLC 11693834

85-13676

Y 1.1/7:98-53

United States. President (1981- : Reagan)

Joint session of Congress : message from the President of the United States transmitting his Central America policy. — Washington : U.S. G.P.O., 1983.

9 p. ; 24 cm. — (House document ; no. 98-53) "Referred to the Committee of the Whole House." "April 27, 1983."

1. Central America — Politics and government — 1979- 2. United States — Foreign relations — Central America. 3. Central America — Foreign relations — United States. I. Reagan, Ronald. II. United States. Congress (98th, 1st session : 1983). III. Title. IV. Series: House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-53. OCLC 11735188

85-13677

Y 1.1/7:98-55

United States. Supreme Court.

Amendments to the rules of criminal procedure for the U.S. district courts : communication from the Chief Justice of the United States transmitting amendments to the rules of criminal procedure for the U.S. district courts, adopted by the Supreme Court pursuant to 18 U.S.C. 3771 and 3772, together with the report of the Judicial Conference of the United States submitted to the Court pursuant to 28 U.S.C. 331. — Washington : U.S. G.P.O., 1983.

v. 77 p. ; 24 cm. — (House document ; no. 98-55) "Referred to the Committee on the Judiciary." "April 28, 1983."

1. Criminal procedure — United States. 2. Court rules — United States. I. United States. Congress. House. Committee on the Judiciary. II. Title. III. Series: House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-55. OCLC 11693824

85-13678

Y 1.1/7:98-56

O'Neill, Tip.

The United States and China : communication from the speaker transmitting a report to the United States House of Representatives. — Washington : U.S. G.P.O., 1983.

ii, 10 p. ; 24 cm. — (House document ; no. 98-56) "May 2, 1983."

1. United States — Foreign relations — China. 2. China — Foreign relations — United States. 3. China — Politics and government — 1976- I. United States. Congress (98th, 1st session : 1983). House. II. Title. III. Series: House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-56. OCLC 11735035

85-13679

Y 1.1/7:98-274

United States. President (1981- : Reagan)

Veto of H.R. 1362 : message from the President of the United States vetoing H.R. 1362, a bill for the relief of Joseph Karel Hasek. — Washington : U.S. G.P.O., 1984.

4 p. ; 24 cm. — (House document ; 98-274) "Referred to the Committee on the Judiciary." "Distributed to some depository libraries in microfiche. "October 9, 1984." ●Item 996-A, 996-B (microfiche)

1. Hasek, Joseph Karel. 2. Veto — United States. I. Reagan, Ronald. II. United States. Congress. House. Committee on the Judiciary. III. Title. IV. Title: Veto of HR 1362. V. Series: House document (United States. Congress (98th, 2nd session : 1984). House) ; no. 98-274. OCLC 11667821

85-13680

Y 1.1/7:99-16

United States. President (1981- : Reagan)

Settlement of the Cyprus question : communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary General of the United Nations, pursuant to 22 U.S.C. 2373(c). — Washington : U.S. G.P.O., 1985.

16 p. : 1 map ; 24 cm. — (House document ; 99-16) "Referred to the Committee on Foreign Affairs." Distributed to

some depository libraries in microfiche. "January 21, 1985."

●Item 996-A, 996-B (microfiche)

1. Cyprus—Politics and government. 2. United Nations. Security Council. 3. Peaceful change (International relations) 4. Mediation, International. I. Reagan, Ronald. II. United States. Congress. House. Committee on Foreign Affairs. III. Title. IV. Series: House document (United States. Congress (99th, 1st session : 1985). House) ; no. 99-16 OCLC 11758333

85-13681

Y 1.1/7:99-19

United States. President.

Economic report of the President transmitted to the Congress. Doc. ed. Washington : U.S. G.P.O.,

v. : ill. ; 24 cm. (House document / 99th Congress, 1st session ; no. 99-19)

Annual

Began with 1979. Information incorrect in publication as to sale by the Supt. of Docs.; only dept. ed. for sale. Feb. 1985. Description based on: 1981. Reports for (1984-) include: The annual report of the Council of Economic Advisers. Vols. for (1983-) distributed to some depository libraries in microfiche. ●Item 996-A, 996-B (microfiche) Main series: House document (United States. Congress. House) Other editions available: United States. President. Economic report of the President transmitted to the Congress Departmental edition ISSN 0193-1180 Continues: United States. President. Economic report of the President

1. United States—Economic policy—Periodicals. 2. United States—Economic conditions—1945—Periodicals. I. Council of Economic Advisers (U.S.). Annual report of the Council of Economic Advisers. II. Title. III. Series: House document (United States. Congress (99th, 1st session : 1985). House) ; no. 99-19. OCLC 08198980

## HOUSE REPORTS

House reports are available from the House Documents Room unless otherwise indicated.

85-13682

Y 1.1/8: 98-1177

United States. Congress. House. Committee on Merchant Marine and Fisheries.

Report on the activities of the Merchant Marine and Fisheries Committee. Washington : U.S. G.P.O.,

v. ; 24 cm. (House report / 98th Congress, 2d session ; 98-1177)

Biennial Title from cover. At head of title, 98th Congress: Union calendar no. 660. "Serial no. 98-C" 98th Congress. Description based on: 96th Congress. Vols. for (98th Congress-) distributed to some depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) Main series: United States. Congress. House. Report

1. United States. Congress. House. Committee on Merchant Marine and Fisheries—Periodicals. 2. Merchant marine—United States—Periodicals. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1177. OCLC 02899687

85-13683

Y 1.1/8:98-1160

United States. Congress. House. Committee on Rules.

Providing for agreeing to the Senate amendment to H.R. 4230 : report (to accompany H. Res. 615). — [Washington, D.C. : U.S. G.P.O., 1984]

[1] leaf ; 24 cm. — (Report / 98th Congress, 2d session, House of Representatives ; 98-1160) Caption title. Distributed to some depository libraries in microfiche. "October 11, 1984." ●Item 1008-C, 1008-D (microfiche)

1. Bills, Legislative—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1160. OCLC 11652617

85-13684

Y 1.1/8:98-1161

United States. Congress. House. Committee on Rules.

Waiving certain points of order against the conference report on H.R. 6027 : report (to accompany H. Res. 616). — [Washington, D.C. : U.S. G.P.O., 1984]

[1] leaf ; 24 cm. — (Report / 98th Congress, 2d session, House of Representatives ; 98-1161) Caption title. Distributed to some depository libraries in microfiche. "October 11, 1984." ●Item 1008-C, 1008-D (microfiche)

1. Bills, Legislative—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1161. OCLC 11652640

85-13685

Y 1.1/8:98-1162

United States. Congress. House. Committee on Science and Technology.

Allocation of budget totals for fiscal year ... : submitted pursuant to section 302(b) of the Congressional Budget Act of 1974 by the Committee on Science and Technology. Washington : U.S. G.P.O.,

v. ; 24 cm. (House report / 98th Congress, 2d session ; 98-1162)

Annual Title from cover. At head of title, 98th Congress: Union calendar no. 646. Description based on: Fiscal year 1981. Report covers fiscal year 1985. Vols. for (1981-) distributed to some depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) Main series: United States. Congress. House. Report

1. United States. Congress. House. Committee on Science and Technology—Periodicals. 2. United States—Appropriations and expenditures—Periodicals. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1162. OCLC 05112742

85-13686

Y 1.1/8:98-1186

United States. Congress. House. Committee on Ways and Means.

Report on legislative review activity during the ... Congress of the Committee on Ways and Means. Washington : U.S. G.P.O.,

v. ; 24 cm. (House report / 98th Congress, 2d session ; 98-1186)

Biennial Title from cover. At head of title, 98th Congress: Union calendar no. 669. 98th Congress. Description based on: 96th Congress. Vols. for (97th Congress-) distributed to some depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) ISSN 0147-9997 Main series: United States. Congress. House. Report

1. Finance, Public—Law and legislation—United States—Periodicals. 2. Taxation—Law and legislation—United States—Periodicals. 3. United States. Congress. House. Committee on Ways and Means—Periodicals. Key Title: Report on legislative review activity of the Committee on Ways and Means I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1186. KF31.8.W357 77-647682 //r81 343/.73/03 OCLC 03263029

## House Reports

85-13687

Y 1.1/8:98-1187

United States. Congress. House. Committee on Small Business.

Summary of activities : a report of the Committee on Small Business, House of Representatives, Congress, together with additional views. Washington : U.S. G.P.O.,

v. ; 24 cm. (Report / 98th Congress, 2d session, House of Representatives ; no. 98-1187)

Biennial

Began with 1975. Title from cover. Subtitle varies. At head of title, 98th Congress: Union calendar no. 670. 98th Congress. Description based on: 96th Congress. Vols. for (97th Congress-) distributed to some depository libraries in microfiche. Continues: United States. Congress. House. Select Committee on Small Business. Final report. ●Item 1008-C, 1008-D Main series: United States. Congress. House. Report

1. United States. Congress. House. Committee on Small Business — Periodicals. 2. Small business — United States — Periodicals. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; no. 98-1187. OCLC 02902413

85-13688

Y 1.1/8:98-1188

United States. Congress. House. Committee on Veterans' Affairs.

Activities report of the Committee on Veterans' Affairs, House of Representatives. Washington : U.S. G.P.O., 1981- v. ; 24 cm. (House report / 98th Congress, 2d session ; 98-1188)

Biennial

96th Congress- At head of title, 98th Congress: Union calendar no. 671. Title from cover. 98th Congress. Vols. for (97th Congress-) distributed to some depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) ISSN 0738-4793 Main series: United States. Congress. House. Report Continues: United States. Congress. House. Committee on Veterans' Affairs. Activities of the Committee on Veterans' Affairs, House of Representatives ISSN 0146-9851

1. Veterans — Legal status, laws, etc. — United States — Periodicals. 2. United States. Congress. House. Committee on Veterans' Affairs — Periodicals. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1188. UB357.U512a 83-643730 355.1/15/0973 42 19 OCLC 07949875

85-13689

Y 1.1/8:98-1190

United States. Congress. House. Committee on Education and Labor.

Report on the activities of the Committee on Education and Labor during the ... Congress. Washington : U.S. G.P.O., U.S. G.P.O., Washington, D.C. 20002

v. ; 24 cm. (Report / 98th Congress, 2d session, House of Representatives ; 98-1190)

Biennial

Began with 95th Congress, 1977-78. Title from cover. At head of title, 98th Congress: Union calendar no. 673. 98th Congress. Description based on: 96th Congress. Vols. for (96th Congress-) distributed to some depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) ISSN 0739-9960 Main series: United States. Congress. House. Report Continues: United States. Congress. House. Committee on Education and Labor. Activity report of the Committee on Education and Labor of the U.S. House of Representatives

1. United States. Congress. House. Committee on Education and Labor — Periodicals. 2. Educational law and legislation — United States — Periodicals. 3. Labor laws and leg-

islation — United States — Periodicals. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1190. PAR 83-645234 OCLC 04848817

85-13690

Y 1.1/8:98-1194

United States. Congress. House. Committee on Appropriations.

Report of committee activities / Committee on Appropriations, House of Representatives. Washington : U.S. G.P.O., v. ; 24 cm. (Report / 98th Congress, 2d session, House of Representatives ; 98-1194)

Biennial Title from cover. "Pursuant to clause 1(d) of rule XI." At head of title, 98th Congress: Union calendar no. 677. 98th Congress, Jan. 3, 1983 through Jan. 3, 1985. Description based on: 96th Congress (Jan. 15, 1979 through Dec. 16, 1980) Vols. for (96th Congress-) distributed to some depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) ISSN 0147-3883 Main series: United States. Congress. House. Report

1. United States — Appropriations and expenditures — Periodicals. 2. United States. Congress. House. Committee on Appropriations — Periodicals. Key Title: Report of committee activities - Committee on Appropriations, House of Representatives I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1194. KF31.8.A67 77-647481 //r82 353.007/22 OCLC 02900117

85-13691

Y 1.1/8:98-1197

United States. Congress. House. Committee on Interior and Insular Affairs.

Legislative and review activities of the Committee on Interior and Insular Affairs of the House of Representatives during the ... Congress pursuant to clause 1(d) of rule XI of the rules of the House of Representatives. Washington : U.S. G.P.O.,

v. ; 24 cm. (House report / 98th Congress, 2d session ; 98-1197)

Biennial Title from cover. At head of title, 98th Congress: Union calendar no. 680. 98th Congress. Description based on: 96th Congress. Vols. for (96th Congress-) distributed to depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) ISSN 0149-0850 Main series: United States. Congress. House. Report

1. United States. Congress. House. Committee on Interior and Insular Affairs. 2. United States. Congress. House. Committee on Interior and Insular Affairs — Periodicals. 3. Natural resources — Law and legislation — United States — Periodicals. Key Title: Legislative and review activities of the Committee on Interior and Insular Affairs of the House of Representatives I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1197. KF31.8.I515 77-647715 //r82 346/.73/046 OCLC 02902531

85-13692

Y 1.1/8:98-1199

United States. Congress. House. Select Committee on Narcotics Abuse and Control.

Annual report for the year ... Select Committee on Narcotics Abuse and Control. Washington : U.S. G.P.O., v. ; 24 cm. (Report / 98th Congress, 2d session, House of Representatives ; 98-1199)

Annual Title varies slightly. At head of title, 98th Congress: Union calendar no. 682. "SCNAC-98-2-11" 1984. Description based on: 1981. Vols. for (1981-) distributed to depository libraries in microfiche. ●Item 1008-C, 1008-D (microfiche) Main series: United States. Congress. House. Report Continues: United States. Congress. House. Select

Committee on Narcotics Abuse and Control. Annual report of the Select Committee on Narcotics Abuse and Control ISSN 0161-0856

1. United States. Congress. House. Select Committee on Narcotics Abuse and Control—Periodicals. 2. Narcotics, Control of—United States—Periodicals. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1199. OCLC 09224770

## HOUSE OF REPRESENTATIVES

85-13693

Y 1.2:In 8/5/985

McGahan, Sam.

Cross-references within the Internal Revenue Code of 1954 as of January 3, 1985 / prepared for the use of the Office of the Legislative Counsel, U.S. House of Representatives, by Sam McGahan, Mildred Inge, Mary Therese Brown. — Washington : U.S. G.P.O., 1984.

19 p. ; 24 cm. At head of title: Committee print. Includes bibliographical references. ●Item 998

1. Taxation—United States—Rates and tables. I. Inge, Mildred. II. Brown, Mary Therese. III. United States. Congress. House. Office of the Legislative Counsel. IV. Title. OCLC 11651753

## BOARD FOR INTERNATIONAL BROADCASTING Washington, DC 20005

85-13694

Y 3.B 78:1/985

United States. Board for International Broadcasting.

Annual report / The Board for International Broadcasting. [Washington, D.C.] : The Board, Board for International Broadcasting, Suite 400, 1201 Connecticut Ave., NW, Washington, DC 20036

v. : ill. ; 24 cm.

Annual Title from cover. 1985 eleventh annual report covering the period from Oct. 1, 1983 through Sept. 30, 1984. Description based on: 7th [(Oct. 1, 1979 through Sept. 30, 1980)] ●Item 1062-B-1 ISSN 0362-8272

1. United States. Board for International Broadcasting—Periodicals. Key Title: Annual report - Board for International Broadcasting I. Title. HE8689.8.U34a 75-649547 // r81 353.008/74/54 OCLC 02354121

## COMMODITY FUTURES TRADING COMMISSION Washington, DC 20581

85-13695

Y 3.C 73/5:1/984

United States. Commodity Futures Trading Commission.

Annual report / Commodity Futures Trading Commission. [Washington, D.C.] : The Commission, Commodity Futures Trading Commission, Headquarters, 2033 K St., N.W., Washington, D.C. 20581

v. : ill. ; 23 cm.

Began with 1975/76. Running title: CFTC annual report (1980-) Title from cover. 1984. Description based on: 1980. Report for 1975/76 covers period July 1975-Sept. 1976. ●Item 39-B ISSN 0148-9283 Has supplement: CFTC databook ISSN 0195-3591 1978-

1. United States. Commodity Futures Trading Commission—Periodicals. Key Title: Annual report - Commodity Futures Trading Commission I. Title. HG6046.U625a 77-644290 //r81 353.008/25 OCLC 03392640

## CONSUMER PRODUCT SAFETY COMMISSION Washington, DC 20207

85-13696

Y 3.C 76/3:11/92/984

Coal and wood burning heating stoves. — Rev. Nov. 1984. — [Washington, D.C. : U.S. Consumer Product Safety Commission, 1984 (1985 printing)]

4 p. ; 28 cm. — (FS ; 92) Caption title. ●Item 1062-C-7

1. Stoves, Wood—Safety measures. I. U.S. Consumer Product Safety Commission. II. Series: Product safety fact sheet ; no. 92. OCLC 11662153

## NATIONAL ADVISORY COUNCIL ON ADULT EDUCATION Washington, DC 20004

85-13697

Y 3.Ed 8/4:1/983

United States. National Advisory Council on Adult Education.

The ... annual report to the President of the United States of the National Advisory Council on Adult Education. Washington, D.C. : The Council, [1982- National Advisory Council on Adult Education, 421 13th St., NW, Pennsylvania Bldg., Suite 323, Washington, D.C. 20004

v. : ill. ; 28 cm.

Annual

1981- Distinctive title: Opening doors for success 1983 1983. ●Item 1062-A-2 Continues: United States. National Advisory Council on Adult Education. Report

1. United States. National Advisory Council on Adult Education—Periodicals. 2. Adult education—United States—Periodicals. I. Title. sc-83007827 OCLC 09060911

## NATIONAL COMMISSION FOR EMPLOYMENT POLICY Washington, DC 20005

85-13698

Y 3.Em 7/3:8 OI 1

Older worker employment comes of age : practice and potential. — [Washington, D.C.?] : National Commission for Employment Policy, [1984?]

94 p. : col. ill. ; 22 x 28 cm. Cover title. Bibliography: p. 85. ●Item 1089-H

1. Aged—Employment—United States. 2. Age and employment—United States. 3. Occupational retraining—United States. I. United States. National Commission for Employment Policy. OCLC 11684189

## FEDERAL LABOR RELATIONS AUTHORITY Washington, DC 20424

85-13699

Y 3.F 31/21:3:10-4/v.12

United States. Federal Labor Relations Authority.

Decisions of the Federal Labor Relations Authority. Washington, D.C. : Federal Labor Relations Authority, Office of Operations and Technical Assistance : For sale by the Supt. of Docs., U.S. G.P.O., [1981- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 27 cm. (FLRA doc. ; 1286)

\$23.00

Vol. 1 (Jan. 1, 1979 through Sept. 30, 1979)- Vol. 12, Apr. 1-Aug. 31, 1983. ●Item 1061-G-1 S/N 063-000-00023-0 ISSN 0278-7695 Continues: United States. Federal Labor

## Advisory Council on Historic Preservation

Relations Authority. Decisions and reports on rulings of the Assistant Secretary of Labor for Labor-Management Relations ISSN 0091-2646 Related records: United States. Federal Labor Relations Authority. Subject matter indexes ISSN 0278-6699

I. Employee-management relations in government — Law and legislation — United States — Cases. 2. Collective labor agreements — Government employees — United States — Cases. I. United States. Federal Labor Relations Authority. II. United States. Federal Labor Relations Authority. Office of Operations and Technical Assistance. III. Title. IV. Series. KF5365.A554 81-646003 344.73/0189041353/0002648 [347.3041890413530002648] OCLC 07582079

85-13700

Y 3.F 31/21.3:10-4/v.13-14

United States. Federal Labor Relations Authority.

Decisions of the Federal Labor Relations Authority. Washington, D.C. : Federal Labor Relations Authority, Office of Operations and Technical Assistance : For sale by the Supt. of Docs., U.S. G.P.O., [1981- Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. : 27 cm. (FLRA doc. ; 1287, 1288)

\$22.00 (v. 13) \$23.00 (v. 14)

Vol. 1 (Jan. 1, 1979 through Sept. 30, 1979)- Vol. 13, Sept. 1, 1983-Jan. 31, 1984; v. 14, Feb. 1, 1984-May 31, 1984. ●Item 1061-G-1 S/N 063-000-00024-8 (v. 13) ; 063-000-00025-6 (v. 14) ISSN 0278-7695 Continues: United States. Federal Labor Relations Authority. Decisions and reports on rulings of the Assistant Secretary of Labor for Labor-Management Relations ISSN 0091-2646 Related records: United States. Federal Labor Relations Authority. Subject matter indexes ISSN 0278-6699

I. Employee-management relations in government — Law and legislation — United States — Cases. 2. Collective labor agreements — Government employees — United States — Cases. I. United States. Federal Labor Relations Authority. II. United States. Federal Labor Relations Authority. Office of Operations and Technical Assistance. III. Title. IV. Series. KF5365.A554 81-646003 344.73/0189041353/0002648 [347.3041890413530002648] OCLC 07582079

## ADVISORY COUNCIL ON HISTORIC PRESERVATION

Washington, DC 20005

85-13701

Y 3.H 62:1/984

United States. Advisory Council on Historic Preservation.

Report to the President and the Congress of the United States / Advisory Council on Historic Preservation. Washington, D.C. : The Council, Advisory Council on Historic Preservation, Suite 530, 1522 K St., NW, Washington, D.C. 20005 v. : ill. ; 21 x 26 cm.

Annual Title varies slightly. Description based on: Fiscal year 1980. Report covers fiscal year 1984. ●Item 1064-A

I. United States. Advisory Council on Historic Preservation — Periodicals. 2. Historic buildings — United States — Conservation and restoration — Periodicals. 3. Architecture — United States — Conservation and restoration — Periodicals. 4. Monuments — United States — Preservation — Periodicals. Key Title: A report to the President and the Congress of the United States I. Title. E159.U5 72-620941 309.2/3 OCLC 01138180

Page 236

## INTERNATIONAL JOINT COMMISSION, CANADA-UNITED STATES

Washington, DC 20440

85-13702

Y 3.In 8/28:2 G 79/3

International Great Lakes Technical Information Network Board.

Great Lakes hydrometeorologic and hydraulic data needs : report to the International Joint Commission / by the International Great Lakes Technical Information Network Board (under reference of November 19, 1979). — [Washington, D.C.] : The Board, 1984.

1 v. (various pagings) : ill., 3 maps ; 28 cm. "December 1984." ●Item 1061-F-2

I. Hydrometeorological services — Great Lakes. 2. Hydrometeorology — Great Lakes — Data processing. 3. Hydrology — Great Lakes — Data processing. I. International Joint Commission. II. Title. OCLC 11667919

## NUCLEAR REGULATORY COMMISSION

Washington, DC 20555

85-13703

Y 3.N 88:10/0383/v.1/rev.7

Y 3.N 88:10/0383/v.2/rev.7

Directory of certificates of compliance for radioactive materials packages. — Rev. 7. — Washington, D.C. : Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1984-

v. : forms ; 28 cm. Distributed to depository libraries in microfiche. "Date published: November 1984." Contents: v. 1. Summary report of NRC approved packages — v. 2. Certificates of compliance. ●Item 1051-H-2 (microfiche) STRN: NUREG-0383

I. Radioactive substances — United States — Packing. 2. Radioactive substances — Safety regulations — United States. I. U.S. Nuclear Regulatory Commission. Division of Fuel Cycle and Material Safety. OCLC 11661977

85-13704

Y 3.N 88:10/0683/supp.1/final rp.

Programmatic environmental impact statement related to decontamination and disposal of radioactive wastes resulting from March 28, 1979 accident Three Mile Island Nuclear Station, Unit 2, docket no. 50-320 : final supplement dealing with occupational radiation dose, GPU Nuclear, Inc. — Washington, D.C. : U.S. Nuclear Regulatory Commission, TMI Program Office, [1984]

1 v. (various pagings) : ill. ; 28 cm. Final supplement to EIS. Distributed to depository libraries in microfiche. "October 1984." Bibliography: p. 5.1-5.3. ●Item 1051-H-2 (microfiche) STRN: NUREG-0683, supplement no. 1, final report

I. Three Mile Island Nuclear Power Plant (Pa.) 2. Radioactive waste disposal — Environmental aspects — Pennsylvania. 3. Radioactive decontamination — Environmental aspects — Pennsylvania. I. U.S. Nuclear Regulatory Commission. Three Mile Island Program Office. OCLC 11741317

85-13705

Y 3.N 88:10/0787/supp.8

Safety evaluation report related to the operation of Waterford Steam Electric Station, Unit No. 3, docket no. 50-382 : Louisiana Power & Light Company. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

I v. (various pagings) : ill. ; 28 cm. Running title: Waterford SSER 8. "December 1984." Distributed to depository libraries in microfiche. Bibliography: p. 1-3 (18th group) "NUREG-0787, supplement no. 8." ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — Environmental aspects — Louisiana. 2. Nuclear facilities — Louisiana — Safety measures. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title: Waterford Steam Electric Station. III. Title: Waterford SSER 8. OCLC 11654599

85-13706

Y 3.N 88:10/0797/supp.6

Safety evaluation report related to the operation of Comanche Peak Steam Electric Station, Units 1 and 2 : docket nos. 50-445 and 50-446 : Texas Utilities Generating Company, et al. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

I v. (various pagings) : ill. ; 28 cm. Technical. November 1983 - November 1984. "November 1984." Distributed to depository libraries in microfiche. Bibliography: p. 1-2 (17th group) "NUREG-0797, supplement no. 6." ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — Environmental aspects — Texas. 2. Atomic power-plants — Texas — Safety measures. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title: Comanche Peak Steam Electric Station. OCLC 11656887

85-13707

Y 3.N 88:10/0798/supp.4

Safety evaluation report related to the operation of Enrico Fermi Atomic Power Plant, Unit no. 2, docket no. 50-341 : Detroit Edison Company, et al. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

I v. (various pagings) ; 28 cm. Technical. January 1983 - September 1984. Distributed to depository libraries in microfiche. "September 1984." Division of Licensing, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission. ●Item 1051-H-2 (microfiche) STRN: NUREG-0798, supplement no. 4

1. Detroit Edison Company. 2. Atomic power-plants — Michigan — Safety measures. 3. Nuclear engineering — Michigan. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title: Enrico Fermi Atomic Power Plant. OCLC 11735614

85-13708

Y 3.N 88:10/0830/supp.4

Safety evaluation report related to the operation of Callaway Plant, Unit no. 1, docket no. STN 50-483 : Union Electric Company. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

I v. (various pagings) ; 28 cm. Technical. May 1, 1984 - October 1984. Distributed to depository libraries in microfiche. "October 1984." Bibliography: p. 1, Appendix B. ●Item 1051-H-2 (microfiche) STRN: NUREG-0830, supplement no. 4

1. Atomic power-plants — Environmental aspects — Missouri. 2. Atomic power-plants — Missouri — Safety measures. 3. Atomic power-plants — Missouri — Evaluation. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Re-

actor Regulation. II. Title: Callaway Plant, Unit no. 1. OCLC 11778855

85-13709

Y 3.N 88:10/0927/rev.1

Serkiz, A. W.

Evaluation of water hammer occurrence in nuclear power plants : technical findings relevant to Unresolved Safety Issue A-1 / A.W. Serkiz. — Rev. 1. — Washington, D.C. : Division of Safety Technology, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission, 1984.

I v. (various pagings) : ill. ; 28 cm. Distributed to depository libraries in microfiche. "Date published: March 1984." Includes bibliographical references. Project No.: TACS #04469. ●Item 1051-H-2 (microfiche) STRN: NUREG-0927

1. Water hammer. 2. Atomic power-plants — United States — Safety measures. 3. Water-pipes. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. Division of Safety Technology. II. Title. OCLC 11671650

85-13710

Y 3.N 88:10/0944/supp.1

Safety evaluation report related to the full-term operating license for R.E. Ginna Nuclear Power Plant, docket no. 50-244 : Rochester Gas and Electric Corporation. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

I v. (various pagings) ; 28 cm. Distributed to depository libraries in microfiche. "October 1984." Includes bibliographies. Division of Licensing, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission. ●Item 1051-H-2 (microfiche) STRN: NUREG-0944, supplement no. 1

1. Atomic power-plants — New York (State) — Safety measures. 2. Nuclear facilities — New York (State) — Evaluation. 3. Atomic power-plants — Licenses — New York (State). I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title: R.E. Ginna Nuclear Power Plant. OCLC 11778642

85-13711

Y 3.N 88:10/0954/supp.4

U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Safety evaluation report related to the operation of Catawba Nuclear Station, Units 1 and 2 : docket nos. 50-413 and 50-414, Duke Power Company, et al. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

I v. (various pagings) ; 28 cm. Running title: Catawba SSER 4. Distributed to depository libraries in microfiche. "December 1984." Includes bibliographical references. ●Item 1051-H-2 (microfiche)

1. Atomic power-plants — Environmental aspects — South Carolina. 2. Nuclear facilities — South Carolina — Safety measures. I. Title. II. Title: Catawba Nuclear Station, Units 1 and 2. III. Title: Catawba SSER 4. OCLC 11654189

85-13712

Y 3.N 88:10/0973

Hoffman, Donald R.

Technical specifications, Waterford Steam Electric Station, Unit no. 3, docket no. 50-382 : appendix "A" to license no. NPF-26. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

## Nuclear Regulatory Commission

1 v. (various pagings) : ill., maps ; 28 cm. Distributed to depository libraries in microfiche. "December 1984." ●Item 1051-H-2 (microfiche) STRN: NUREG-0973

1. Atomic power-plants — Environmental aspects — Louisiana. 2. Atomic power-plants — Louisiana — Safety measures. 3. Nuclear engineering — Louisiana. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title. III. Title: Waterford Steam Electric Station, Unit no. 3, docket no. 50-382. OCLC 11763434

85-13713

Y 3.N 88:10/1058/rev.1

Anderson, Fredric D.

Technical specifications, Callaway Plant, Unit no. 1 : docket no. STN 50-483 : appendix "A" to license no. NPF-30. — Revision 1. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

1 v. (loose-leaf) : ill., maps ; 28 cm. Running title: Callaway - Unit 1. Distributed to depository libraries in microfiche. "October 1984." ●Item 1051-H-2 (microfiche) STRN: NUREG-1058

1. Nuclear facilities — United States — Safety measures. 2. Nuclear facilities — Contracts and specifications — United States. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title. III. Title: Callaway Plant, Unit no. 1. IV. Title: Callaway, Unit 1. OCLC 11684927

85-13714

Y 3.N 88:10/1064

Final environmental statement related to the operation of Millstone Nuclear Power Station, Unit no. 3 : docket no. 50-423, Northeast Nuclear Energy Company, et al. — [Washington, D.C.?] : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

1 v. (various pagings) : ill., maps ; 28 cm. Technical/environmental. July 1984 - January 1985. Distributed to depository libraries in microfiche. "December 1984." Includes bibliographies. ●Item 1051-H-2 (microfiche) STRN: NUREG-1064

1. Atomic power-plants — Connecticut — Safety measures — Evaluation. 2. Atomic power-plants — Environmental aspects — Connecticut. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title: Millstone Nuclear Power Station, Unit no. 3. OCLC 11780096

85-13715

Y 3.N 88:10/1094

Draft environmental statement related to the operation of Beaver Valley Power Station, Unit 2, docket no. 50-412 : Duquesne Light Company, et al. — Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

1 v. (various pagings) : ill., maps ; 28 cm. Distributed to depository libraries in microfiche. "December 1984." Includes bibliographies. ●Item 1051-H-2 (microfiche) STRN: NUREG-1094

1. Atomic power-plants — Environmental aspects — Pennsylvania — Beaver County. 2. Nuclear facilities — Environmental aspects — Pennsylvania — Beaver County. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title: Beaver Valley Power Station, Unit 2. OCLC 11763796

85-13716

Y 3.N 88:10/1097

Moon, Calvin W.

Technical specifications, Byron Station, Unit no. 1, docket no. STN 50-454 : appendix "A" to license no. NPF-23. —

Washington, D.C. : U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation, [1984]

1 v. (loose-leaf) : ill., 2 maps ; 28 cm. Running title: Byron - Unit 1. Distributed to depository libraries in microfiche. "October 1984." ●Item 1051-H-2 (microfiche) STRN: NUREG-1097

1. Nuclear reactors — Contracts and specifications — United States. 2. Atomic power-plants — Contracts and specifications — United States. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. Title. III. Title: Byron Station Unit no. 1. IV. Title: Byron, Unit 1. OCLC 11667801

85-13717

Y 3.N 88:14/3/1

U.S. Nuclear Regulatory Commission.

Telephone directory / United States Nuclear Regulatory Commission. [Washington, D.C.] : The Commission : [Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission, GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission, Washington, D.C., 20555

v. ; 27 cm.

Semiannual 1982-

Annual (1977-1981) Title from cover. "NUREG/BR-0046." Vol. 3, no. 1, 1985. Description based on: Vol. 2, no. 1 (1983) ●Item 1051-H-19

1. U.S. Nuclear Regulatory Commission — Directories — Telephone. I. Title. OCLC 04158415

85-13718

Y 3.N 88:25/2576

BWR Full Integral Simulation Test (FIST) program facility description report / edited by A.G. Stephens ; prepared for Division of Accident Evaluation, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission and Electric Power Research Institute and Nuclear Fuel and Special Projects Division, General Electric Company. — Washington, D.C. : The Commission, 1984.

1 v. (various pagings) : ill. ; 28 cm. Distributed to depository libraries in microfiche. "Date published: September 1984." Includes bibliographical references. "NUREG/CR-2576." "EPRI NP-2314." "GEAP-22054." Contract No.: NRC FIN B3014, Contract No.: NRC-04-76-215. ●Item 1051-H-11 (microfiche)

1. BWR Full Integral Simulation Test Program (U.S.) 2. Boiling water reactors — Cooling — Simulation methods. 3. Pressurized water reactors — Loss of coolant — Simulation methods. I. Stephens, A. G. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Accident Evaluation. III. Electric Power Research Institute. IV. General Electric Company. Nuclear Fuel & Special Projects Division. V. Title: B.W.R. Full Integral Simulation (FIST) program facility description report. OCLC 11659468

85-13719

Y 3.N 88:25/2767

Camp, Allen L.

X-ray measurements of water fog density / Allen L. Camp ; prepared for Division of Accident Evaluation, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, under memorandum of understanding DOE 40-550-75 ; [prepared by Sandia National Laboratories for the United States Department of Energy, under Contract DE-AC04-76DP00789]. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory

Commission; Springfield, Va.: Available from National Technical Information Service, [1982]

ix, 36 p.: ill.; 28 cm. Distributed to depository libraries in microfiche. "October 1982." Includes bibliographical references. Contract No.: NRC FIN no. A-1246. "NUREG/CR-2767." "SAND82-1292." ●Item 1051-H-11 (microfiche)

1. Fog — Measurement. 2. X-rays. 3. Light water reactors — United States — Safety measures. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Accident Evaluation. II. Sandia National Laboratories. III. United States. Dept. of Energy. IV. Title. OCLC 11747822

85-13720

Y 3.N 88:25/2904

Simulation of groundwater flow and contaminant transport using the deterministic-probabilistic contaminant transport (DPCT) model / E.D. McKay ... [et al.]; prepared for Sandia National Laboratories; [prepared by Sandia National Laboratories for the United States Department of Energy under contract DE-AC04-76DP00789; prepared for U.S. Nuclear Regulatory Commission]. — [Washington, D.C.]: The Commission; Washington, D.C.: Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission; Springfield, Va.: National Technical Information Service, [1982]

viii, 49 p.: ill.; 28 cm. "Contractor report"—Cover. "Work performed under Sandia contract no. 68-2130." Distributed to depository libraries in microfiche. "Printed December 1982"—Cover. Bibliography: p. 39. "SAND82-7077." "NUREG/CR-2904." "SF 2900-Q(6-82)"—Cover. "CGS/8115C028." ●Item 1051-H-11 (microfiche)

1. Water, Underground — Pollution — Mathematical models. 2. Aquifers. I. McKay, E. D. II. Sandia National Laboratories. III. U.S. Nuclear Regulatory Commission. OCLC 11736194

85-13721

Y 3.N 88:25/3079

Kufka, A. L. (Alan L.)

Earthquake hazard studies in New York State and adjacent areas / prepared by A.L. Kufka. — Washington, D.C.: U.S. Nuclear Regulatory Commission, 1983.

1 v. (various pagings): ill., maps; 28 cm. Final technical report. April 1976 - June 1982. "Lamont-Doherty Geological Observatory, Columbia University." Distributed to depository libraries in microfiche. "Date published: January 1983." Includes bibliographies. Prepared for Division of Health, Siting and Waste Management, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: B6096. Contract No.: NRC-04-76-369. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3079

1. Earthquakes — Northeastern States. 2. Seismology — Research — Northeastern States. 3. Seismological stations — Northeastern States. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Health, Siting, and Waste Management. II. Lamont-Doherty Geological Observatory. III. Title. OCLC 10755501

85-13722

Y 3.N 88:25/3190

Pilch, M.

PLUGM, a coupled thermal-hydraulic computer model for freezing melt flow in a channel / Marty Pilch, Peter K. Mast; prepared for Division of Engineering Technology and Division of Accident Evaluation, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission under memorandum of understanding DOE 40-550-75; [prepared by Sandia National Laboratories for the United States Department

of Energy]. — Washington, DC: Division of Engineering Technology; Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission; Springfield, Va.: Available from National Technical Information Service, [1984]

1 v. (various pagings): ill.; 28 cm. Distributed to depository libraries in microfiche. "April 1984." Bibliography: p. 109-110. "NUREG/CR-3190." "SAND82-1580." Contract No.: NRC FIN A1247, Contract No.: DE-AC04-76DP00789. ●Item 1051-H-11 (microfiche)

1. Nuclear reactors — United States — Cooling — Safety measures — Mathematical models. I. Mast, Peter K. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Engineering Technology. III. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Accident Evaluation. IV. Sandia National Laboratories. V. Title. OCLC 11659511

85-13723

Y 3.N 88:25/3215/v.1

Organizational analysis and safety for utilities with nuclear power plants / prepared by R.N. Osborn ... [et al.]. — Washington, D.C.: Division of Facility Operations, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, 1983-1984.

v.: ill.; 28 cm. Technical report. 6/1/82 - 6/30/83. "Pacific Northwest Laboratory." Distributed to depository libraries in microfiche. "Date published: August 1983"—Vol. 1. Bibliography: v. 1, p. 63-67. Contents: v. 1. An organizational overview. Prepared for Division of Facility Operations, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: B-2457. "BHARC-400/83/011." ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3215 STRN: PNL-4655

1. Nuclear facilities — United States — Management. 2. Nuclear facilities — United States — Safety measures. 3. Atomic power-plants — United States — Safety measures. 4. Organizational effectiveness. I. Osborn, R. N. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Facility Operations. III. Pacific Northwest Laboratory. OCLC 11454809

85-13724

Y 3.N 88:25/3347/v.3

Materials licensing study: phase 1. — Washington, D.C.: Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety and Safeguard, U.S. Nuclear Regulatory Commission, 1983-

v.: forms; 28 cm. Technical. "International Energy Associates Limited." "Sandia National Laboratories." Distributed to depository libraries in microfiche. "Date published: November 1983." Contents: v. 3. Task 9 report evaluation of medical license renewals using the preprinted form / prepared by B.W. Welles [and] G.B. Varnado. Prepared for Division of Fuel Cycle and Material Safety, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission. Contract No.: A1163. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3347 STRN: SAND 83-7081

1. Nuclear facilities — Licenses — United States. 2. Atomic power-plants — Licenses — United States. I. U.S. Nuclear Regulatory Commission. Division of Fuel Cycle and Material Safety. II. International Energy Associates Limited. III. Sandia National Laboratories. OCLC 11476861

## Nuclear Regulatory Commission

85-13725

Y 3.N 88:25/3371/v.3-4

Task analysis of nuclear power plant control room crews / prepared by D. Burgy ... [et al.]. — Washington, D.C. : Division of Risk Analysis and Operations, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, 1983-1984.

v. : ill., forms ; 28 cm. Final report. December 1981 to June 1983. "General Physics Corporation." "BioTechnology, Inc." Distributed to depository libraries in microfiche. "Date published: December 1984"—Vols. 3, 4. Contents: v. 3. Task data forms — v. 4. Task data forms. Prepared for Division of Facility Operations, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: B7491. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3371 STRN: GP-R-221020

1. Atomic power-plants—United States—Personnel management. 2. Atomic workers—United States—Job descriptions. 3. Nuclear facilities. I. Burgy, D. II. U.S. Nuclear Regulatory Commission. Division of Risk Analysis and Operations. III. General Physics Corporation. IV. Biotechnology, inc. OCLC 11265103

85-13726

Y 3.N 88:25/3429

Olsen, K. B.

Borehole logging for radium-226 : recommended procedures and equipment / prepared by K.B. Olsen, V.W. Thomas. — Washington, D.C. : Division of Radiation Programs and Earth Sciences, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, 1984.

ix, 34 p. : ill. ; 28 cm. Final report. First quarter 1982 to present. "Pacific Northwest Laboratory." Distributed to depository libraries in microfiche. "Date published: October 1984." Bibliography: p. 33-34. Prepared for Division of Radiation Programs and Earth Sciences, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: NRC Fin B2370. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3429 STRN: PNL-5094

1. Radium. 2. Geophysical well logging. 3. Detectors I. Thomas, V. W. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Radiation Programs and Earth Sciences. III. Pacific Northwest Laboratory. IV. Title. OCLC 11684283

85-13727

Y 3.N 88:25/3438

Report on large scale molten core/magnesia interaction test / Tze Yao Chu ... [et al.]. — Washington, D.C. : Division of Reactor Safety Research, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, 1984.

xv, 128 p. : ill. ; 28 cm. "Sandia National Laboratories." Distributed to depository libraries in microfiche. "Date published August 1984." Includes bibliographical references. "NUREG/CR-3438." "SAND83-1692." Prepared for Division of Reactor Safety Research, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: NRC Fin no. A1227. Grant No.: Memorandum of understanding DOE 40-550-75. ●Item 1051-H-11 (microfiche)

1. Pressurized water reactors—Cores. 2. Pressurized water reactors—Critical heat flux. 3. Magnesia. I. Chu, T.-Y. J. II. U.S. Nuclear Regulatory Commission. Division of Reactor Safety Research. OCLC 11685009

Page 240

85-13728

Y 3.N 88:25/3481/v.1

Jorgensen, Charles C.

Nuclear power plant personnel qualifications and training : TSORT—an automated technique to assign tasks to training strategies / C.C. Jorgensen ; prepared by the Oak Ridge National Laboratory.—Oak Ridge, Tenn. : Oak Ridge National Laboratory, 1984.

v. : ; 28 cm. Final. 6-83 — 7/84. "Engineering Physics and Mathematics Division." Distributed to depository libraries in microfiche. "Date published: October 1984." Includes bibliographical references. Nuclear Regulatory Commission. Contract No.: B0466. Contract No.: ORNL subcontract no. 40X-70527. Project No.: DOE Interagency agreement 40-550-75. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3481, Vol. 1 STRN: ORNL/TM-9308/V1

1. Atomic workers—Training of—United States. 2. Occupational training—United States—Computer programs. 3. System analysis. I. Oak Ridge National Laboratory. Engineering Physics and Mathematics Division. II. U.S. Nuclear Regulatory Commission. III. Title. OCLC 11690686

85-13729

Y 3.N 88:25/3511/v.2

Interim reliability evaluation program : analysis of the Calvert Cliffs, unit 1 nuclear power plant / A.C. Payne, Jr. ... [et al.] ; [prepared by Sandia National Laboratories for the United States Department of Energy]. — Washington, D.C. : U.S. Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, 1984.

v. : ill. ; 28 cm. Technical (Final) Distributed to depository libraries in microfiche. "August 1984"—Vol. 2. Includes bibliographical references. Contents: v. 2. Appendices A, B, and C. Prepared for Division of Risk Analysis and Operations, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: A1241. Project No.: DOE 40-550-75. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3511/2 of 2 STRN: SAND 83-2086/2 of 2

1. Nuclear reactors—Maryland—Reliability. 2. Nuclear reactors—Maryland—Evaluation. I. Payne, A. C. (Arthur C.) II. U.S. Nuclear Regulatory Commission. Division of Risk Analysis and Operations. III. Sandia National Laboratories. IV. Title: Calvert Cliffs, unit 1 nuclear power plant. OCLC 11265151

85-13730

Y 3.N 88:25/3610

Brackenbush, L. W.

Neutron dosimetry at commercial nuclear plants : final report of subtask C, <sup>3</sup>He neutron spectrometer / prepared by L.W. Brackenbush, W.D. Reece, J.E. Tanner ; prepared for Division of Radiation Programs and Earth Sciences, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Division, 1984.

xiii, 105 p. : ill. ; 28 cm. "Pacific Northwest Laboratory." Distributed to depository libraries in microfiche. "Date published: September 1984." Bibliography: p. 76-77. "NUREG/CR-3610." "PNL-4943." Contract No.: NRC FIN B2282. ●Item 1051-H-11 (microfiche)

1. Neutrons—Measurement. 2. Neutrons—Spectra. 3. Radiation dosimetry. 4. Neutron counters. 5. Nuclear spectroscopy. I. Reece, W. D. II. Tanner, J. E. III. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Radiation Programs and Earth Sciences. IV. Pacific Northwest Laboratory. V. Title. OCLC 11659625

85-13731

Y 3.N 88:25/3643

Clough, Roger L. (Roger Lee), 1949-

Heterogeneous oxidative degradation in irradiated polymers / R.L. Clough, K.T. Gillen, and C.A. Quintana. — Washington, DC : Division of Engineering Technology, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, [1984]

viii, 36 p. : ill. ; 28 cm. "Sandia National Laboratories." Distributed to depository libraries in microfiche. "April 1984." Includes bibliographical references. Prepared for Division of Engineering Technology, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: NRC FIN no. A-1051. Project No.: DOE 40-550-75. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3643 STRN: SAND 83-2493

I. Polymers and polymerization — Deterioration. 2. Polymers and polymerization — Effect of radiation on. I. Gillen, Kenneth T. II. Quintana, C. A. III. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Engineering Technology. IV. Sandia National Laboratories. V. Title. OCLC 11652886

85-13732

Y 3.N 88:25/3691

Craft, C. M. (Charles M.)

An assessment of terminal blocks in the nuclear power industry / Charles M. Craft. — Washington, D.C. : Instrumentation and Control Branch, Division of Facility Operations, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, U.S. Dept. of Commerce, [1984]

xii, 127 p. : ill. ; 28 cm. "Sandia National Laboratories." Distributed to depository libraries in microfiche. "Printed September 1984"—Cover. Includes bibliographical references. Prepared for Instrumentation and Control Branch, Division of Facility Operations, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: NRC Fin no. A-1327. Project No.: Interagency agreement DOE-40-550-75. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3691 STRN: SAND 84-0422

1. Nuclear facilities — United States. 2. Electric circuits — Instruments. 3. Nuclear reactors — United States — Control. I. Sandia National Laboratories. II. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Instrumentation and Control Branch. III. Title. OCLC 11684368

85-13733

Y 3.N 88:25/3719

Byers, Rupert K.

Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures / R.K. Byers. — Washington, DC : Severe Accident Assessment Branch, Division of Accident Evaluation, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, 1984.

x, 48 p. : ill. ; 28 cm. "Sandia National Laboratories." Distributed to depository libraries in microfiche. "Date published: August 1984." Includes bibliographical references. Prepared for Severe Accident Assessment Branch, Division of Accident Evaluation, Office of Nuclear Regulatory Research,

U.S. Nuclear Regulatory Commission. Contract No.: A-1246. Grant No.: Memorandum of understanding DOE 40-550-75.

●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3719 STRN: SAND 83-2624

1. Explosions — Computer programs. 2. Nuclear facilities — United States. 3. Air. 4. Hydrogen. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Severe Accident Assessment Branch. II. Sandia National Laboratories. III. Title. OCLC 11684132

85-13734

Y 3.N 88:25/3851/v.2

Progress in evaluation of radionuclide geochemical information developed by DOE high-level nuclear waste repository site projects / A. D. Kelmers ... [et al.] / prepared by the Oak Ridge National Laboratory. — Washington, DC : Division of Waste Management, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, [1984-]

v. : ill. ; 28 cm. Quarterly progress report. January-March 1984, vol. 2. Distributed to depository libraries in microfiche. "Date of issue: November 1984"—Vol. 2. Bibliography: p. 43-45. Prepared for the Division of Waste Management, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission. Contract No.: B0290. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3851 STRN: ORNL/TM-9191

1. Radioactive waste disposal in the ground — United States. 2. Absorption. 3. Water, Underground — Pollution — United States. I. Kelmers, A. D. II. Oak Ridge National Laboratory. III. U.S. Nuclear Regulatory Commission. Office of Nuclear Material Safety and Safeguards. OCLC 11528149

85-13735

Y 3.N 88:25/3855

Characterization of nuclear reactor containment penetrations / by Argonne National Laboratory for Sandia National Laboratories for the U.S. Department of Energy ; prepared for Division of Engineering Technology, Office of Nuclear Reactor Research, U.S. Nuclear Regulatory Commission under memorandum of understanding DOE 40-550-75. — Washington, DC : The Division : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, 1984.

vii, 36, 219 p. : ill. ; 28 cm. Preliminary report. "Contractor report"—Cover. Distributed to depository libraries in microfiche. "June 1984." Includes bibliographical references. "NUREG/CR-3855." "SAND84-7139." "ANL-84-33." Contract No.: NRC FIN A1375, Contract No.: 47-5594, Contract No.: DE-AC04-76DP00789. ●Item 1051-H-11 (microfiche)

1. Nuclear reactors — United States — Containment. 2. Nuclear pressure vessels. I. Bump, T. R. II. Argonne National Laboratory. III. Sandia National Laboratories. IV. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Engineering Technology. OCLC 11659380

## Nuclear Regulatory Commission

85-13736

Y 3.N 88:25/3864

Characterization of the low-level radioactive wastes and waste packages of the General Electric Vallecitos Nuclear Center : final report / prepared by C.R. Kempf ... [et al.]. — Washington, D.C. : Division of Waste Management, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, 1984.

ix, 90 p. : ill., forms ; 28 cm. "Department of Nuclear Energy, Brookhaven National Laboratory." Distributed to depository libraries in microfiche. "Date published: November 1984." Includes bibliographical references. Prepared for Division of Waste Management, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission. Contract No.: A3172. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3864 STRN: BNL-NUREG-51791

I. Radioactive waste disposal—United States—Safety measures. I. Kempf, C. R. II. U.S. Nuclear Regulatory Commission. Division of Waste Management. III. Brookhaven National Laboratory. Dept. of Nuclear Energy. OCLC 11690715

85-13737

Y 3.N 88:25/3909

Arora, H.

Solidification and leaching of boric acid and resin LWR wastes : topical report / H. Arora and R. Dayal ; contributors, J. Clinton, P. Hayde, L. Milian ; prepared by the Nuclear Waste Management Division, Department of Nuclear Energy, Brookhaven National Laboratory, Associated Universities, Inc. ; prepared for United States Nuclear Regulatory Commission, Office of Nuclear Regulatory Research. — Washington, D.C. : The Office : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, 1984.

xii, 40 p. : ill. ; 28 cm. Distributed to depository libraries in microfiche. "Date published - July 1984." Bibliography: p. 35-37. "NUREG/CR-3909." "BNL-NUREG-51805." Contract No.: FIN A-3027, Contract No.: DE-AC02-76CH00016. ●Item 1051-H-11 (microfiche)

I. Light water reactors—United States—Waste disposal. I. Dayal, R. II. Clinton, James H. III. Hayde, P. R. IV. Milian, L. W. V. Brookhaven National Laboratory. Nuclear Waste Management Division. VI. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. VII. Title. OCLC 11659415

85-13738

Y 3.N 88:25/3920

Cole, Randall K.

CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions / R.K. Cole, Jr., D.P. Kelly, M.A. Ellis ; [prepared by Sandia National Laboratories]. — Washington, DC : Division of Accident Evaluation, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, [1984]

xiv, 185 p. : ill. ; 28 cm. Technical. Distributed to depository libraries in microfiche. "Printed: August 1984." Includes bibliographical references. Prepared for Division of Accident Evaluation, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. U.S. Dept. of Energy. Contract No.: DE-AC04-76DP00789. Contract No.: NRC FIN no. A-1019. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3920 STRN: SAND 84-1246

1. Pressurized water reactors—Cores—Accidents—Computer programs. 2. Liquid metals—Computer programs. 3. Concrete—Computer programs. I. Kelly, D. P. (Daniel Paul), 1956-. II. Ellis, M. A. III. Sandia National Laboratories. IV. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Accident Evaluation. V. Title. OCLC 11735633

85-13739

Y 3.N 88:25/3927

Corwin W. R.

Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay / W.R. Corwin, R.G. Berggren, R.K. Nanstad ; prepared by the Oak Ridge National Laboratory. — [Washington, D.C.] : U.S. Nuclear Regulatory Commission, Office of Nuclear Regulatory Research, 1984.

xi, 23 p. : ill. ; 28 cm. Topical. Period ending July 1984. "Metals and Ceramics Division." Distributed to depository libraries in microfiche. "Date published—September 1984." Includes bibliographical references. Prepared for U.S. Nuclear Regulatory Commission, Office of Nuclear Regulatory Research. Contract No.: B0119. Project No.: Interagency agreement DOE 40-551-75. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3927 STRN: ORNL/TM-9309

1. Nuclear fuel claddings. 2. Steel, Stainless—Welding. 3. Submerged arc welding. I. Berggren, R. G. II. Nanstad, R. K. III. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. IV. Oak Ridge National Laboratory. Metals and Ceramics Division. V. Title. OCLC 11762817

85-13740

Y 3.N 88:25/3939

Valandani, P.

Water hammer, flow induced vibration and safety/relief valve loads / P. Valandani, R. Uffer, D. Sexton ; prepared for Division of Safety Technology, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Division, 1984.

I v. (various pagings) : ill. ; 28 cm. Final report. "Quadrex Corporation under subcontract to: EG&G Idaho, Inc." Distributed to depository libraries in microfiche. "Date published: September 1984." Includes bibliographical references. "NUREG/CR-3939." "EGG-2340." "QUAD-1-84-109." Contract No.: NRC FIN A6541. ●Item 1051-H-11 (microfiche)

1. Boiling water reactors—Pipe lines—Safety measures. 2. Pressurized water reactors—Pipe lines—Safety measures. I. Uffer, R. A. II. Sexton, D. E. III. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. Division of Safety Technology. IV. Quadrex Corporation. V. EG&G Idaho. VI. Title. OCLC 11659610

85-13741

Y 3.N 88:25/3973

Alternative containers for low-level wastes containing large amounts of tritium / prepared by E.P. Gause ... [et al.]. — Washington, D.C. : Division of Waste Management, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission, 1984.

xiv, 139 p. : ill., 1 map ; 28 cm. "Brookhaven National Laboratory, Department of Nuclear Energy." Distributed to depository libraries in microfiche. "Date published: November 1984." Includes bibliographical references. Prepared for Division of Waste Management, Office of Nuclear Material Safety and Safeguards, U.S. Nuclear Regulatory Commission. Contract No.: Fin A-3159. ●Item 1051-H-11 (micro-

fiche) STRN: NUREG/CR-3973 STRN: BNL-NUREG-51814

1. Tritium — Packaging. 2. Containers. I. Gause, E. P. II. U.S. Nuclear Regulatory Commission. Division of Waste Management. III. Brookhaven National Laboratory. Dept. of Nuclear Energy. OCLC 11684158

85-13742

Y 3.N 88:25/3975

Identification and assessment of anticipated major changes in control rooms / Robert E. Ford ... [et al.] ; prepared for the U.S. Nuclear Regulatory Commission under DOE contract no. DE-AC07-76ID01570, FIN no. A6390. — Washington, D.C. : The Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, 1984.

1 v. (various pagings) : ill. ; 28 cm. "EG&G Idaho, Inc." Distributed to depository libraries in microfiche. "Published September 1984." Includes bibliographical references. "NUREG/CR-3975." "EGG-2339." ●Item 1051-H-11 (microfiche)

1. Nuclear reactors — United States — Control. 2. Delphi method. I. Ford, Robert E., 1943- II. U.S. Nuclear Regulatory Commission. III. EG&G Idaho. OCLC 11659564

85-13743

Y 3.N 88:25/3985

Swanson, J. L.

Organic complexant-enhanced mobility of toxic elements in low-level wastes : annual report / prepared by J.L. Swanson. — Washington, D.C. : Division of Radiation Programs and Earth Sciences, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, 1984.

ix, 45 p. : ill. ; 28 cm. Technical. July 1983-June 1984. "Pacific Northwest Laboratory." Distributed to depository libraries in microfiche. "Date published: November 1984." Bibliography: p. 44-45. Prepared for Division of Radiation Programs and Earth Sciences, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: B2860. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-3985 STRN: PNL-4965-4

1. Radioactive waste disposal in the ground — United States. 2. Soil permeability — United States. 3. Chelates. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Radiation Programs and Earth Sciences. II. Pacific Northwest Laboratory. III. Title. OCLC 11740068

85-13744

Y 3.N 88:25/4001

Lin, C. C.

CONTEMPT4/MOD5 : an improvement to CONTEMPT4/MOD4 multicompartiment containment system analysis program for ice containment analysis / prepared by C.C. Lin ; prepared for Division of Systems Integration, Office of Nuclear Reactor Regulation, U.S. Nuclear Regulatory Commission. — Washington, D.C. : The Division, 1984.

vii, 31 p. : ill. ; 28 cm. "Brookhaven National Laboratory." Distributed to depository libraries in microfiche. "Date published: September 1984." Includes bibliographical references. "NUREG/CR-4001." "BNL-NUREG-51824." Contract No.: NRC FIN A3752. ●Item 1051-H-11 (microfiche)

1. Nuclear reactors — United States — Containment. 2. Pressurized water reactors — Loss of coolant. 3. Pressurized water reactors — Cores — Accidents. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation.

Division of Systems Integration. II. Brookhaven National Laboratory. OCLC 11659588

85-13745

Y 3.N 88:25/4014

Laboratory measurements of parameters affecting wet deposition of methyl iodide / W.J. Maeck ... [et al.]. — [Washington, D.C.]: Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : National Technical Information Service, [1984]

ix, 40 p. : ill. ; 28 cm. Formal technical report. October 1982 - October 1984. "Idaho National Engineering Laboratory." Distributed to depository libraries in microfiche. "September 1984." Includes bibliographical references. Prepared for the Nuclear Regulatory Commission, Contract No.: DE-AC07-84ID12435, Contract No.: A-6288. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-4014 STRN: WINCO-1023

1. Acid rain — United States. 2. Rain and rainfall — United States. 3. Acid deposition — United States. 4. Vegetation and climate — United States. I. Maeck, William J. II. U.S. Nuclear Regulatory Commission. III. Idaho National Engineering Laboratory. OCLC 11746562

85-13746

Y 3.N 88:25/4028

Kocamustafaogullari, G.

Unified theory for predicting maximum fluid particle size for drops and bubbles / by G. Kocamustafaogullari, I.Y. Chen, and M. Ishii. — Washington, D.C. Division of Accident Evaluation, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission, [1984]

vii, 38 p. : ill. ; 28 cm. Technical. fy 1984. "Argonne National Laboratory." Distributed to depository libraries in microfiche. "Report issued: October 1984." Includes bibliographical references. Prepared for the Division of Accident Evaluation, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission. Contract No.: A2026. Project No.: Interagency agreement DOE 40-550-75. ●Item 1051-H-11 (microfiche) STRN: NUREG/CR-4028 STRN: ANL-84-67

1. Two-phase flow. 2. Particle size determination. 3. Bubbles. 4. Drops. I. Chen, I. Y. II. Ishii, M. III. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Accident Evaluation. IV. Argonne National Laboratory. V. Title. OCLC 11684098

85-13747

Y 3.N 88:27/0051

CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping (1983 : Monterey, Calif.)

Proceedings of the CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping : held at Monterey, California, September 1-2, 1983. — Washington, D.C. : Division of Engineering Technology, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission : Available from GPO Sales Program, Division of Technical Information and Document Control, U.S. Nuclear Regulatory Commission ; Springfield, Va. : Available from National Technical Information Service, 1984.

iv, 556 p. : ill. ; 28 cm. — (CSNI report ; no. 82) Collection of conference papers. September 1-2, 1983. Distributed to depository libraries in microfiche. "Date published: August 1984." Includes bibliographical references. Sponsored by Division of Engineering Technology, Office of Nuclear Regulatory Research, U.S. Nuclear Regulatory Commission.

## Selective Service System

mission. ●Item 1051-H-13 (microfiche) STRN: NUREG/CP-0051

1. Nuclear reactors—Pipe lines—Congresses. 2. Atomic power-plants—Pipe lines—Congresses. 3. Fracture mechanics—Congresses. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Engineering Technology. II. Title. III. Series. OCLC 11747848

85-13748

Y 3.N 88:34/7-2

Topical report review status / prepared for Office of Nuclear Reactor Regulation ; prepared by Office of Management and Program Analysis, U.S. Nuclear Regulatory Commission. Washington, D.C. : The Commission : Available from NRC/GPO Sales Program, Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, DC 20402 Single copies are available from: National Technical Information Service, Springfield, Va. 22161

v. ; 22-28 cm.

Semiannual

\$12.00 "NUREG-0390." Vol. 7, no. 2, Oct. 15, 1984. Description based on: v. 5, no. 1 (July 1981) Vol. 5, no. 2 called v. 6, no. 1. Vols. for (July 1983-) distributed to depository libraries in microfiche. ●Item 1051-H-25 S/N 752-026-00000-9

1. Atomic power-plants—United States—Safety measures—Periodicals. 2. Atomic energy industries—United States—Safety measures—Periodicals. I. U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. II. U.S. Nuclear Regulatory Commission. Office of Resource Management. III. U.S. Nuclear Regulatory Commission. Office of Management and Program Analysis. OCLC 08001567

## SELECTIVE SERVICE SYSTEM

Washington, DC 20435

85-13749

Y 3.Se 4:2 Se 4/5

Selective service and you. — Washington, D.C. : National Headquarters, Selective Service System, [1985]

[4] p. ; 22 cm. — (Information brochure ; no. 10) Caption title. "Jan 1985"—P. [4] ●Item 1075

1. Military service, Compulsory—United States. I. United States. Selective Service System. II. Series: Information brochure (United States. Selective Service System) ; no. 10. OCLC 11760078

## TECHNOLOGY ASSESSMENT OFFICE

Washington, DC 20510

85-13750

Y 3.T 22/2:2 B 62

Blood policy & technology. — Washington, D.C. : Congress of the U.S., Office of Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

vii, 240 p. : ill. ; 26 cm. "January 1985"—P. [4] of cover. Bibliography: p. 213-235. Includes index. "OTA-H-260"—P. [4] of cover. ●Item 1070-M S/N 052-003-00977-3 @ GPO \$7.50

1. Blood—Technological innovations. 2. Blood banks—Government policy—United States. I. United States. Congress. Office of Technology Assessment. II. Title: Blood policy and technology. OCLC 11773618

85-13751

Y 3.T 22/2:2 C 82/2/case 28

Berenson, Robert A.

Intensive care units (ICUs) : clinical outcomes, costs, and decisionmaking / prepared under contract to OTA by Robert

A. Berenson. — Washington, D.C. : Congress of the U.S., Office of Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

x, 98 p. ; 26 cm. — (Health technology case study ; 28) "November 1984." Bibliography: p. 89-98. "OTA-HCS-28"—P. [4] of cover. ●Item 1070-M S/N 052-003-00971-4 @ GPO \$4.25

1. Intensive care units—United States. 2. Medical care, Cost of—United States. 3. Medical ethics—United States. I. United States. Congress. Office of Technology Assessment. II. Title. III. Series. 84-601138 OCLC 11633216

85-13752

Y 3.T 22/2:2 C 82/2/case 29

Tanenbaum, Sandra J.

The Boston elbow / prepared for OTA by Sandra J. Tanenbaum. — Washington, D.C. : Congress of the U.S., Office of Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

viii, 44 p. : ill. ; 26 cm. — (Health technology case study ; 29) "November 1984." Bibliography: p. 43-44. "OTA-HCS-29"—P. [4] of cover. ●Item 1070-M S/N 052-003-00972-2 @ GPO \$2.25

1. Artificial arms. 2. Artificial arms—Government policy—United States. I. United States. Congress. Office of Technology Assessment. II. Title. III. Series. 84-601139 OCLC 11632929

85-13753

Y 3.T 22/2:2 C 82/2/case 30

Shepard, Donald S.

The market for wheelchairs : innovations and federal policy / prepared by Donald S. Shepard and Sarita L. Karon. — Washington, D.C. : Congress of the U.S., Office of Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

x, 68 p. : ill., 1 form ; 26 cm. — (Health technology case study ; 30) "November 1984." Bibliography: p. 67-68. "OTA-HCS-30"—P. [4] of cover. ●Item 1070-M S/N 052-003-00973-1 @ GPO \$3.00

1. Wheelchairs. 2. Wheelchairs—Government policy—United States. I. Karon, Sarita L. II. United States. Congress. Office of Technology Assessment. III. Title. IV. Series. 84-601140 OCLC 11633143

85-13754

Y 3.T 22/2:2 C 82/2/case 31

Schiffrin, Leonard G.

The contact lens industry : structure, competition, and public policy / prepared for OTA by Leonard G. Schiffrin with William J. Rich. — Washington, D.C. : Congress of the U.S., Office of Technology Assessment : For sale by the Supt. of Docs., U.S. G.P.O., [1984]

ix, 70 p. ; 26 cm. — (Health technology case study ; 31) "December 1984." Includes bibliographies. "OTA-HCS-31"—P. [4] of cover. ●Item 1070-M S/N 052-003-00981-1 @ GPO \$3.00

1. Contact lenses. 2. Contact lenses—Government policy—United States. I. Rich, William J. II. United States. Congress. Office of Technology Assessment. III. Title. IV. Series. 84-601157 OCLC 11652482

85-13755

Y 3.T 22/2:2 In 3/3/sum.

Information technology R&D : critical trends and issues : summary. — Washington, D.C. : Congress of the U.S., Office of Technology Assessment, [1985]

31 p. : ill. ; 24 cm. Cover title. "February 1985"—P. [32] "OTA-CIT-269"—P. [32] ●Item 1070-M

1. Computers — Technological innovations. 2. Information networks — United States. 3. Computer industry — Research — United States. I. United States. Congress. Office of Technology Assessment. II. Title: Information technology R and D. OCLC 11779983

85-13756

Y 3.T 22/2:2 St 8/sum.

Strategic materials : technologies to reduce U.S. import vulnerability. — Washington, D.C : Congress of the U.S., Office of Technology Assessment, [1985]

56 p. : col. ill., col. maps ; 23 cm. "Summary"—Cover. "January 1985"—P. [4] of cover. "OTA-ITE-249"—P. [4] of cover. ●Item 1070-M

1. Mineral industries — Government policy — United States. 2. Strategic materials — Government policy — United States. 3. Mines and mineral resources. I. United States. Congress. Office of Technology Assessment. OCLC 11654039

85-13757

Y 3.T 22/2:9/P 96/983-2

List of publications (United States. Congress. Office of Technology Assessment)

List of publications / Congress of the United States, Office of Technology Assessment. Washington, D.C. : The Office, U.S. Congress, Office of Technical Assessment, Congressional and Public Affairs Office, Washington, DC 20510

v. ; 24 cm.

Semiannual "OTA-P-58." Rev. Dec. 1983. Description based on: Sept. 1978. ●Item 1070-M

1. Technology assessment — Bibliography — Catalogs. I. United States. Congress. Office of Technology Assessment. sc-79004950 OCLC 04660958

# TENNESSEE VALLEY AUTHORITY Knoxville, TN 37902

85-13758

Y 3.T 25:1-16/984/v.2

Tennessee Valley Authority.

Power program summary. Knoxville, Tenn. : Tennessee Valley Authority, [1980- Tennessee Valley Authority, 400 Commerce Ave., Knoxville, Tenn. 37902

v. : ill. ; 28 cm.

Annual

Fiscal year ended Sept. 30, 1980- Title from cover. "TVA/P&E/P&E INFO-85/19"—P. 1. Vol. 2 for the fiscal year ending June 30, 1984. Report year for v. 1 ends Sept. 30; for v. 2 ends June 30. Issued 1980- in 2 v.: v. 1, ; v. 2, Financial and statistical report for municipal and cooperative distributors of TVA power. Merger of: Tennessee Valley Authority. Operations. Municipal and cooperative distributors of TVA power; Tennessee Valley Authority. Power annual report; and, Tennessee Valley Authority. OEDC annual report. ●Item 1082-A ISSN 0730-4889

1. Electric utilities — Tennessee River Valley — Periodicals. 2. Electric power — Tennessee River Valley — Periodicals. 3. Tennessee Valley Authority I. Tennessee Valley Authority. Financial and statistical report for municipal and cooperative distributors of TVA power. II. Title. HD9685.U6A1362b 81-649565 363.6/2 OCLC 07665790

85-13759

Y 3.T 25:1/983

Y 3.T 25:1/983/v.2

Tennessee Valley Authority.

Tennessee Valley Authority annual report. [Knoxville, Tenn.] : The Authority : [For sale by the Treasurer, Tennessee Valley Authority, Knoxville, Tenn. 37902

see Valley Authority, Tennessee Valley Authority, Knoxville, TN 37902

v. : ill., ports. ; 21 x 28 cm.

Annual

1976/77- Title from cover. "TVA-OGM-10-84/2"—1983 annual report, p. [3] of cover. Description based on: 1980. Vols. for 1977/78- issued in 2 parts. Reports cover fiscal year 1983 and fiscal year ended Sept. 30, 1983, v. 2, Appendix. ●Item 1080 Continues: Tennessee Valley Authority. Annual report of the Tennessee Valley Authority 1934-1975/76

1. Tennessee Valley Authority — Periodicals. 2. Electric utilities — Tennessee River Valley — Periodicals. I. Title. OCLC 04908519

85-13760

Y 3.T 25:2 Ec 7/2/984

Economic outlook (Knoxville, Tenn.)

Economic outlook / Tennessee Valley Authority. [Knoxville, Tenn.] : TVA, 1980- Tennessee Valley Authority, Knoxville, Tenn. 37902

v. ; 28 cm.

Semiannual

1980- July 1984. Vols. for (1981-) distributed to depository libraries in microfiche. ●Item 1082 (microfiche)

1. Economic forecasting — Tennessee River Valley — Periodicals. 2. United States — Economic conditions — 1971- — Periodicals. 3. Economic forecasting — United States — Periodicals. I. Tennessee Valley Authority. II. Tennessee Valley Authority. Office of Planning and Budget. OCLC 08623328

85-13761

Y 3.T 25:2 En 8/10

Iwanski, Myron L.

Environmental research and development : a cooperative approach as demonstrated by the Tennessee Valley Authority. — [Knoxville, Tenn.] : The Authority, [1982]

22 p. : ill., 2 maps ; 22 x 28 cm. Cover title. "September 1982"—P. [3] of cover. "TVA/ONR/ERD-82/1"—P. [3] of cover. ●Item 1082

1. Environmental protection — Tennessee River Region. 2. Tennessee Valley Authority. I. Tennessee Valley Authority. II. Title. OCLC 10066744

85-13762

Y 3.T 25:2 T 25/33

Floods on Tennessee River and Cypress and Little John Creeks in the vicinity of Calvert City, Kentucky. — Knoxville, Tenn. : Tennessee Valley Authority, Office of Economic and Community Development, [1982]

iv, 17 p., 2 p. of plates, 9 folded leaves of plates : col. maps ; 28 cm. "Flood report." Distributed to depository libraries in microfiche. "September 1982." Includes bibliographical references. "TVA/OECD/FPM-82/23." ●Item 1082 (microfiche)

1. Floods — Kentucky. 2. Floods — Tennessee River Region. I. Tennessee Valley Authority. Office of Economic and Community Development. OCLC 08862609

85-13763

Y 3.T 25:2 W 85/7/v.2

Residential wood heater report, phase II (1981-1983) / Tennessee Valley Authority, Division of Energy Conservation and Rates. — Chattanooga, Tenn. : The Authority, Energy Use Test Facility, [1983-]

v. : ill. ; 28 cm. "Residential wood heater test report"—Cover title. Description based on vol. 2. Distributed to depository libraries in microfiche. "November 1983"—Vol. 2.

## **Aging, Select Committee on — House**

"TVA/OP/ECR-84/27"—Vol. 2, p. [4] of cover. ●Item 1082 (microfiche)

1. Stoves, Wood — Environmental aspects — Tennessee River Region. I. Tennessee Valley Authority. Energy Use Test Facility Staff. II. Title: Residential wood heater test report. OCLC 10920172

### **AGING, Select Committee on, House Washington, DC 20515**

85-13764

Y 4.Ag 4/2:Al 9/4

United States. Congress. House. Select Committee on Aging. Alzheimer's disease : a Florida perspective : hearing before the Select Committee on Aging, House of Representatives, Ninety-eighth Congress, second session, May 19, 1984, Palm Harbor, FL. — Washington : U.S. G.P.O., 1985.

iii, 79 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 49. "Comm. Pub. no. 98-476." ●Item 1009-B-2, 1009-C-2 (microfiche)

1. Alzheimer's disease — Florida. 2. Alzheimer's disease — Treatment — United States. I. Title. OCLC 11690632

85-13765

Y 4.Ag 4/2:P 92

The President's 1986 budget : an assault on America's aged and poor : a report / presented by the chairman of the Select Committee on Aging, House of Representatives, Ninety-ninth Congress, first session. — Washington : U.S. G.P.O., 1985.

iii, 33 p. : ill. ; 24 cm. At head of title: Committee print. Distributed to some depository libraries in microfiche. "February 1985." "Comm. pub. no. 99-481." ●Item 1009-B-2, 1009-C-2 (microfiche)

1. Budget — United States. 2. United States — Appropriations and expenditures, 1986. 3. Aged — Government policy — United States. 4. Poor — Government policy — United States. I. United States. Congress. House. Select Committee on Aging. OCLC 11772614

### **AGRICULTURE, Committee on, House Washington, DC 20515**

85-13766

Y 4.Ag 8/1:Ec 7/3

A Study of the effects on the economy of trading in futures and options / Committee on Agriculture, House of Representatives. — Washington : U.S. G.P.O., 1985.

xii, 606 p. : forms ; 24 cm. At head of title: 98th Congress, 2d session. Committee print. "January 1985." Distributed to some depository libraries in microfiche. Bibliography: p. 309-318. ●Item 1010-A, 1010-B (microfiche)

1. United States — Economic conditions — 1981- 2. Commodity exchanges — United States. 3. Option (Contract) — United States. I. United States. Congress. House. Committee on Agriculture. OCLC 11656910

85-13767

Y 4.Ag 8/1:98-70/pt.3

Y 4.Ag 8/1:98-70/pt.8

United States. Congress. House. Committee on Agriculture.

Long-term farm policy to succeed the Agriculture and Food Act of 1981 : hearings before the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1984-

v. : ill. ; 24 cm. "Subcommittee on Cotton, Rice, and Sugar"—Pt. 8. Distributed to some depository libraries in

microfiche. "June 8, 1984, Woodhull and Springfield, IL; July 13, 1984, Fresno, CA; July 30, 1984, Misenheimer, NC; August 14, 1984, Hannibal, MO; September 7, 1984, Florence, SC; September 8, 1984, Statesboro, GA; September 10, 1984, Maumee, OH"—Pt. 3. "September 24, 1984, Kennett, Mo."—Pt. 8. Contents: pt. 3. Regional agricultural conditions — pt. 8. Cotton and rice programs. "Serial no. 98-70." ●Item 1010-A, 1010-B (microfiche)

1. Agriculture — Economic aspects — United States. 2. Agriculture and state — United States. I. United States. Congress. House. Committee on Agriculture. Subcommittee on Cotton, Rice, and Sugar. II. Title. OCLC 11193618

85-13768

Y 4.Ag 8/1:98-71

United States. Congress. House. Committee on Agriculture. Subcommittee on Livestock, Dairy, and Poultry.

Review the impact of Canadian trade on U.S. Livestock producers : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 23, 1984. — Washington : U.S. G.P.O., 1985.

iii, 118 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-71." ●Item 1010-A, 1010-B (microfiche)

1. Livestock — Canada — Marketing. 2. Agriculture — Economic aspects — United States. 3. Agricultural credit — United States. I. Title. OCLC 11757665

85-13769

Y 4.Ag 8/1:98-72

United States. Congress. House. Committee on Agriculture. Subcommittee on Department Operations, Research, and Foreign Agriculture.

Alternatives to ethylene dibromide (EDB) : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 9, 1984. — Washington : U.S. G.P.O., 1985.

iv, 553 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographies. "Serial no. 98-72." ●Item 1010-A, 1010-B (microfiche)

1. Ethylene dibromide. 2. Food — Preservation. 3. Radiation preservation of food. 4. Pesticides policy — United States. I. Title. OCLC 11763071

85-13770

Y 4.Ag 8/1:98-76

United States. Congress. House. Committee on Agriculture. Subcommittee on Livestock, Dairy, and Poultry.

Meat, Poultry, and Egg Products Inspection Amendments of 1983; exempt restaurant central kitchens from federal inspection requirements; and USDA's five-point program of inspection in livestock and poultry slaughter plants : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 2691 and H.R. 5223, May 17, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

ii, 150 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 97-76." ●Item 1010-A, 1010-B (microfiche)

1. Meat inspection — Law and legislation — United States. 2. Poultry — Inspection — Law and legislation — United States. 3. Eggs — Inspection — Law and legislation — United States. 4. Restaurants, lunch rooms, etc. — United States. 5. Food law and legislation — United States. I. Title. OCLC 11652135

85-13771

Y 4.Ag 8/1:98-86

United States. Congress. House. Committee on Agriculture. Subcommittee on Department Operations, Research, and Foreign Agriculture.

Improved Standards for Laboratory Animals Act; and enforcement of the Animal Welfare Act by the Animal and Plant Health Inspection Service : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5725, September 19, 1984. — Washington : U.S. G.P.O., 1985.

iv, 323 p. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 88. "Serial no. 98-86." ●Item 1010-A, 1010-B (microfiche)

1. United States. Animal and Plant Health Inspection Service. 2. Laboratory animals — Law and legislation — United States. 3. Animal experimentation — Law and legislation — United States. 4. Animals, Treatment of — Law and legislation — United States. I. Title. OCLC 11762787

85-13772

Y 4.Ag 8/1:98-88

United States. Congress. House. Committee on Agriculture. Subcommittee on Livestock, Dairy, and Poultry.

Milk Producers Prompt Payment Act of 1984 : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5037, July 26, 1984. — Washington : U.S. G.P.O., 1985.

iii, 103 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-88." ●Item 1010-A, 1010-B (microfiche)

1. Dairy laws — United States. 2. Milk trade — United States. 3. Payment — United States. I. Title. OCLC 11762654

# APPROPRIATIONS, Committee on, House Washington, DC 20515

85-13773

Y 4.Ap 6/1:M 59/6/986/pt.3

United States. Congress. House. Committee on Appropriations. Subcommittee on Military Construction Appropriations.

Military construction appropriations for 1986 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-ninth Congress, first session / Subcommittee on Military Construction Appropriations. — Washington : U.S. G.P.O. 1985.

v. : forms ; 24 cm. Distributed to some depository libraries in microfiche. Description based on part 3. Contents: pt. 3. Justification of the budget estimates, Air Force .... ●Item 1011, 1011-A (microfiche)

1. United States. Air Force. 2. United States. Dept. of Defense. 3. United States — Appropriations and expenditures, 1986. I. Title. OCLC 11772560

# APPROPRIATIONS, Committee on, Senate Washington, DC 20510

85-13774

Y 4.Ap 6/2:S.hrg.98-911/pt.3-4

United States. Congress. Senate. Committee on Appropriations. Subcommittee on Energy and Water Development.

Energy and water development appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee

on Appropriations, United States Senate, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1984. v. : ill., forms ; 24 cm. — (S. hrg. : 98-911, pts. 3-4) "H.R. 5653"—Pts. 2, 3, 4. Distributed to some depository libraries in microfiche. Includes indexes. Contents: pt. 3-4. Nondepartmental witnesses. ●Item 1033, 1033-A (microfiche)

1. Water resources development — United States — Finance. 2. Energy development — United States — Finance. 3. United States — Appropriations and expenditures, 1985. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. : 98-911, pts. 3-4. OCLC 11223198

85-13775

Y 4.Ap 6/2:S.hrg.98-965

United States. Congress. Senate. Committee on Appropriations. Subcommittee on Defense.

Salt II violations : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session : special hearing, Department of Defense, nondepartmental witnesses. — Washington : U.S. G.P.O., 1984.

iii, 109 p. ; 24 cm. — (S. hrg. : 98-965) Distributed to some depository libraries in microfiche. "Fiscal year 1985"—Cover. ●Item 1033, 1033-A (microfiche)

1. Strategic Arms Limitation Talks II. 2. Nuclear nonproliferation. 3. United States — Foreign relations — Soviet Union. 4. Soviet Union — Foreign relations — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. : 98-965. OCLC 11777871

85-13776

Y 4.Ap 6/2:S.hrg.98-994/pt.2-3

United States. Congress. Senate. Committee on Appropriations. Subcommittee on Agriculture, Rural Development, and Related Agencies.

Agriculture, rural development, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5743 .... — Washington : U.S. G.P.O., 1984.

v. : ill. ; 24 cm. — (S. hrg. : 98-994, pts. 2-3) Includes indexes. Contents: pt. 2. Department of Agriculture ... — pt. 3. Nondepartmental witnesses. ●Item 1033, 1033-A (microfiche)

1. United States. Dept. of Agriculture. 2. United States — Appropriations and expenditures, 1985. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. : 98-994, pts. 2-3. OCLC 11499288

85-13777

Y 4.Ap 6/2:S.hrg.98-1030/pt.2

United States. Congress. Senate. Committee on Appropriations. Subcommittee on Commerce, Justice, State, the Judiciary, and Related Agencies.

Departments of Commerce, Justice, State, the Judiciary, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5712 .... — Washington : U.S. G.P.O., 1984.

v. : ill. ; 24 cm. — (S. hrg. 98-1030, pt. 2) Cover title: Commerce, Justice, State, the Judiciary, and related agencies appropriations, fiscal year 1985. Distributed to some depository libraries in microfiche. Bibliography: pt. 2, p. 233-235. Includes indexes. Contents: pt. 2. Arms Control and Disarmament Agency .... ●Item 1033, 1033-A (microfiche)

1. United States — Appropriations and expenditures, 1985. I. Title. II. Title: Commerce, Justice, State, the Judiciary, and related agencies appropriations, fiscal year 1985. III.

## Armed Services, Committee on — House

Series: United States. Congress (98th, 2nd session : 1984).  
Senate. S. hrg. ; 98-1030, pt. 2. OCLC 11449544

85-13778

Y 4.Ap 6/2:S.hrg.98-1083/pt.1-3

United States. Congress. Senate. Committee on Appropriations.  
Subcommittee on Departments of Labor, Health and Human  
Services, Education, and Related Agencies.

Departments of Labor, Health and Human Services, Education, and related agencies appropriations for 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 6028/S. 2836 .... — Washington : U.S. G.P.O., 1984-

v. : ill. ; 24 cm. Spine title: Labor-HHS-Education appropriations, 1985 (H.R. 6028) Distributed to some depository libraries in microfiche. Includes indexes. Contents: pt. 1. Action ... — pt. 2. Department of Health and Human Services ... — pt. 3. Congressional witnesses .... ●Item 1033, 1033-A (microfiche)

1. United States. Dept. of Labor 2. United States. Dept. of Health and Human Services 3. United States. Dept. of Education 4. United States—Appropriations and expenditures, 1985. I. Title. II. Title: Labor-HHS-Education appropriations, 1985 (H.R. 6028) OCLC 11651899

85-13779

Y 4.Ap 6/2:S.hrg.98-1121

United States. Congress. Senate. Committee on Appropriations.  
Subcommittee on the Legislative Branch.

Legislative branch appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5753 .... — Washington : U.S. G.P.O., 1984.

iii, 292, v p. : ill. ; 23 cm. — (S. hrg. ; 98-1121) Cover title: Legislative branch appropriations, fiscal year 1985. Spine title: Legislative branch appropriations, 1985 (H.R. 5753) Distributed to some depository libraries in microfiche. Includes index. ●Item 1033, 1033-A (microfiche)

1. United States. Congress 2. United States—Appropriations and expenditures, 1985. I. Title. II. Title: Legislative branch appropriations, fiscal year 1985. III. Title: Legislative branch appropriations, 1985 (H.R. 5753) IV. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1121. OCLC 11679540

85-13780

Y 4.Ap 6/2:S.hrg.98-1199

United States. Congress. Senate. Committee on Appropriations.  
Subcommittee on the Dept. of the Interior and Related Agencies.

Potential opportunities for reforestation of marginal croplands : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing. — Washington : U.S. G.P.O., 1985.

iii, 52, i p. ; 24 cm. — (S. hrg. ; 98-1199) Distributed to some depository libraries in microfiche. Includes bibliographical references and index. ●Item 1033, 1033-A (microfiche)

1. Reforestation—United States. 2. Farms—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1199. OCLC 11763703

Page 248

85-13781

Y 4.Ap 6/2:S.hrg.98-1206

United States. Congress. Senate. Committee on Appropriations.  
Subcommittee on Departments of Labor, Health and Human  
Services, Education, and Related Agencies.

Medical research and its impact on the nation's health and economy : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing. — Washington : U.S. G.P.O., 1985.

iii, 130 p. : ill., forms ; 24 cm. — (S. hrg. ; 98-1206) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1033, 1033-A (microfiche)

1. Medicine—Research—Government policy—United States. 2. Medical policy—United States. 3. Biomedical engineering—Government policy—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1206. OCLC 11749991

## ARMED SERVICES, Committee on, House Washington, DC 20515

85-13782

Y 4.Ar 5/2:Ar 5/2

Review of arms control and disarmament activities, 98th Congress : report of the Special Panel on Arms Control and Disarmament of the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1985.

vii, 65 p. ; 24 cm. At head of title: 98th Congress, 2d session. Committee print. Distributed to some depository libraries in microfiche. "December 28, 1984." Includes bibliographical references. "No. 23." ●Item 1012-A, 1012-B (microfiche)

1. Arms control. 2. Disarmament. 3. Atomic weapons and disarmament. I. United States. Congress. House. Committee on Armed Services. Procurement and Military Nuclear Systems Subcommittee. Special Panel on Arms Control and Disarmament. OCLC 11659335

85-13783

Y 4.Ar 5/2:N 81 a/4

United States. Congress. House. Committee on Armed Services.  
Delegation to Northern NATO and the Nordic Region.

NATO : a time for renewed commitment : report of the Delegation to Northern NATO and the Nordic Region of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1984.

iii, 27 p. : 1 map ; 24 cm. At head of title: 98th Congress, 2d session. Committee print. Distributed to some depository libraries in microfiche. "September 24, 1984." "No. 21." ●Item 1012-A, 1012-B (microfiche)

1. North Atlantic Treaty Organization. 2. Military assistance, American—Europe. 3. United States—Foreign relations—Europe. 4. Europe—Foreign relations—United States. I. Title. OCLC 11661806

85-13784

Y 4.Ar 5/2 a:983-84/50

United States. Congress. House. Committee on Armed Services.  
Subcommittee on Investigations.

Hearing on H.R. 5256, to authorize the Inspector General of the Department of Defense to take certain extraordinary actions to reform contracts of the Department of Defense, before the Investigations Subcommittee of the Committee on

Armed Services, House of Representatives, Ninety-eighth Congress, second session, April 26, 1984. — Washington : U.S. G.P.O., 1985.

ii, 28 ; 24 cm. Distributed to some depository libraries in microfiche. "H.A.S.C. no. 98-50." ●Item 1012-A, 1012-B (microfiche)

1. Defense contracts — United States. 2. United States — Armed Forces — Procurement. I. Title. OCLC 11656614

85-13785

Y 4.Ar 5/2 a:983-84/53

United States. Congress. House. Committee on Armed Services. Procurement and Military Nuclear Systems Subcommittee.

Naval nuclear propulsion program—1984 : hearing on H.R. 5263 (H.R. 5395) Department of Energy authorization legislation (national security programs) for fiscal year 1985 before the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, February 28, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iv, 220 ; ill., maps ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references and index. "H.A.S.C. no. 98-53." ●Item 1012-A, 1012-B (microfiche)

1. United States. Dept. of Energy 2. United States. Navy. 3. Atomic ships — Law and legislation — United States. I. Title. OCLC 11652396

85-13786

Y 4.Ar 5/2 a:983-84/54

United States. Congress. House. Committee on Armed Services. Subcommittee on Investigations.

Disposal of usable equipment : hearings before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, June 21 and July 25, 1984. — Washington : U.S. G.P.O., 1985.

iii, 92 p. ; 24 cm. Distributed to some depository libraries in microfiche. "H.A.S.C. no. 98-54." ●Item 1012-A, 1012-B (microfiche)

1. Surplus military property — United States. 2. Machine parts. I. Title. OCLC 11780650

# ARMED SERVICES, Committee on, Senate Washington, DC 20510

85-13787

Y 4.Ar 5/3:S.hrg.98-724/pt.8

United States. Congress. Senate. Committee on Armed Services.

Department of Defense authorization for appropriations for fiscal year 1985 : hearings before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, on S. 2414 .... — Washington : U.S. G.P.O., 1984.

v. : ill., maps ; 24 cm. — (S. hrg. ; 98-724, pt. 8) Distributed to some depository libraries in microfiche. "March 14, 28, 29; April 5, 11; May 1, 1984"—Pt. 8. Includes index. Contents: pt. 8. Sea power and projection. ●Item 1034-A, 1034-B (microfiche)

1. United States. Dept. of Defense 2. United States — Appropriations and expenditures, 1985. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-724, pt. 8. OCLC 11092587

85-13788

Y 4.Ar 5/3:S.hrg.98-1133

United States. Congress. Senate. Committee on Armed Services.

Nomination of William W. Hoover to be Assistant Secretary of Energy (Defense Programs) : hearing before the Com-

mittee on Armed Services, United States Senate, Ninety-eighth Congress, second session ... August 7, 1984. — Washington : U.S. G.P.O., 1984.

ii, 51 p. ; 24 cm. — (S. hrg. ; 98-1133) Distributed to some depository libraries in microfiche. ●Item 1034-A, 1034-B (microfiche)

1. Hoover, William Walter, 1932- 2. United States. Dept. of Energy I. Title. II. Series: United States. Congress (98th, 2nd session: 1984). Senate. S. hrg. ; 98-1133. OCLC 11651718

85-13789

Y 4.Ar 5/3:S.hrg.98-1142

United States. Congress. Senate. Committee on Armed Services. Task Force on Selected Defense Procurement Matters.

Spare parts legislation : hearing before the Task Force on Selected Defense Procurement Matters of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, S. 2489 ... S. 2571 ... S. 2572 ... May 16, 1984. — Washington : U.S. G.P.O., 1984.

iii, 142 p. ; 24 cm. — (S. hrg. ; 98-1142) Distributed to some depository libraries in microfiche. ●Item 1034-A, 1034-B (microfiche)

1. United States. Dept. of Defense 2. United States. Dept. of the Air Force 3. Competition — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1142. OCLC 11735912

85-13790

Y 4.Ar 5/3:S.hrg.98-1178

United States. Congress. Senate. Committee on Armed Services. Subcommittee on Preparedness.

Sale of New Hampshire Ball Bearings, Inc. to the Japan-based Minebea Company : hearing before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, September 26, 1984. — Washington : U.S. G.P.O., 1985.

iii, 37 p. ; 24 cm. — (S. hrg. ; 98-1178) Distributed to some depository libraries in microfiche. ●Item 1034-A, 1034-B (microfiche)

1. New Hampshire Ball Bearings, Inc. 2. Minebea Company. 3. Bearings (Machinery) I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1178. OCLC 11738201

# BANKING, HOUSING, AND URBAN AFFAIRS, Committee on, Senate Washington, DC 20510

85-13791

Y 4.B 22/3:S.hrg.98-1012

United States. Congress. Senate. Committee on Banking, Housing, and Urban Affairs.

National treatment of banks : hearing before the Committee on Banking, Housing, and Urban Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2193 ... September 26, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iv, 100 p. ; 24 cm. — (S. hrg. ; 98-1012) Distributed to some depository libraries in microfiche. ●Item 1035-C, 1035-D (microfiche)

1. Banks and banking — United States. 2. Administrative agencies — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1012. OCLC 11762895

**Budget, Committee on the — House**

**BUDGET, Committee on the,  
House  
Washington, DC 20515**

85-13792

Y 4.B 85/3:Ec 7/19

United States. Congress. House. Committee on the Budget. Task Force on Economic Policy and Productivity.

Economic development : hearings before the Task Force on Economic Policy and Productivity of the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, October 23 and 26, 1984, Janesville and Racine, WI. — Washington : U.S. G.P.O., 1985.

iii, 115 p. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. TF 6-2." ●Item 1035-B-1, 1035-B-2 (microfiche)

1. Economic development. 2. United States — Economic policy. — 1981. 3. Wisconsin — Economic policy. 4. Wisconsin — Economic conditions. I. Title. OCLC 11652755

**CHILDREN, YOUTH, AND FAMILIES,  
Select Committee on,  
House,  
Washington DC 20515**

85-13793

Y 4.C 43/2:V 81

United States. Congress. House. Select Committee on Children, Youth, and Families.

Violence and abuse in American families : hearing before the Select Committee on Children, Youth, and Families, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 14, 1984. — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

iii, 146 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 143-146. ●Item 1009-B-10, 1009-C-10 (microfiche) S/N 052-070-05987-7 @ GPO \$4.25

1. Wife abuse — United States. 2. Child abuse — United States. 3. Violence — United States. 4. Family — United States. I. Title. OCLC 11691211

**COMMERCE, SCIENCE, AND  
TRANSPORTATION,  
Committee on, Senate  
Washington, DC 20510**

85-13794

Y 4.C 73/7:S.hrg.98-1164

United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Surface Transportation.

Oversight of the Household Goods Transportation Act of 1980 and the Bus Regulatory Reform Act of 1982 : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... September 25, 1984. — Washington : U.S. G.P.O., 1985.

iv, 80 p. ; 24 cm. — (S. hrg. ; 98-1164) Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-112." ●Item 1041-A, 1041-B (microfiche)

1. Storage and moving trade — United States. 2. Moving, Household — United States. 3. Bus lines — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1164. OCLC 11654397

85-13795

Y 4.C 73/7:S.hrg.98-1165

United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Surface Transportation.

Discriminatory taxation on pipelines : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on S. 2932 ... September 28, 1984. — Washington : U.S. G.P.O., 1985.

iii, 65 p. ; 24 cm. — (S. hrg. ; 98-1165) Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-110." ●Item 1041-A, 1041-B (microfiche)

1. Pipe lines — United States — Evaluation. 2. Gas, Natural — Pipe lines — Taxation — United States. 3. Interstate commerce. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1165. OCLC 11656812

85-13796

Y 4.C 73/7:S.hrg.98-1181

United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Science, Technology, and Space.

Antarctica : hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on Antarctica, September 24, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 88 p. ; 24 cm. — (S. hrg. ; 98-1181) Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-111." ●Item 1041-A, 1041-B (microfiche)

1. Antarctica. 2. Scientific expeditions — Antarctic regions — International cooperation. 3. Mines and mineral resources — Antarctic regions — International cooperation. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1181. OCLC 11661903

85-13797

Y 4.C 73/7:S.hrg.98-1195

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

Nominations—February-May : hearings before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, first session, nominations, February 4, 1983 ... April 20, 1983 ... May 10, 1983 .... — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iv, 34 p. ; 24 cm. — (S. hrg. ; 98-1195) Distributed to some depository libraries in microfiche. "Serial no. 98-116." ●Item 1041-A, 1041-B (microfiche)

1. Communications Satellite Corporation 2. Corporation for Public Broadcasting I. Title. II. Series: United States. Congress (98th, 1st session : 1983). Senate. S. hrg. ; 98-1195. OCLC 11693900

85-13798

Y 4.C 73/7:S.hrg.98-1197

United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Aviation.

Status of air traffic control system : hearing before the Subcommittee on Aviation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... October 1, 1984. — Washington : U.S. G.P.O., 1985.

iii, 99 p. : ill. ; 24 cm. — (S. hrg. ; 98-1197) Distributed to some depository libraries in microfiche. "Serial no. 98-114." ●Item 1041-A, 1041-B (microfiche)

1. Air traffic control—United States. 2. Air traffic controllers—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1197. OCLC 11721223

85-13799

Y 4.C 73/7:S.hrg.98-1198

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

Consumer fraud and the elderly : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on consumer fraud and the elderly, October 22, 1984. — Washington : U.S. G.P.O., 1985.

iii, 70 p. ; 24 cm. — (S. hrg. ; 98-1198) Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-115." ●Item 1041-A, 1041-B (microfiche)

1. Aged—United States—Crimes against. 2. Fraud—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1198. OCLC 11684415

85-13800

Y 4.C 73/7:S.hrg.98-1200

United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

Nominations—ICC : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on J.J. Simmons III, Paul H. Lamboley, and Andrew John Strenio, Jr., to be commissioners, Interstate Commerce Commission, August 6, 1984. — Washington : U.S. G.P.O., 1985.

iii, 90 p. ; 24 cm. — (S. hrg. ; 98-1200) Distributed to some depository libraries in microfiche. "Serial no. 98-113." ●Item 1041-A, 1041-B (microfiche)

1. United States. Interstate Commerce Commission. 2. Simmons, Joseph Jacob, 1925-. 3. Lamboley, Paul H. 4. Strenio, Andrew J. I. Title. II. Title: Nominations, Interstate Commerce Commission. III. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1200. OCLC 11724079

# DISTRICT OF COLUMBIA, Committee on the, House Washington, DC 20515

85-13801

Y 4.D 63/1:98-1

United States. Congress. House. Committee on the District of Columbia. Subcommittee on Government Operations and Metropolitan Affairs.

Washington Metropolitan Area Transit Authority : oversight hearings and markup before the Subcommittee on Government Operations and Metropolitan Affairs of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on bus reliability ... and H.R. 4810 ... February 8, November 16, 1983; and May 3, 1984. — Washington : U.S. G.P.O., 1985.

iv, 276 p. : ill., forms, maps ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-1." ●Item 1014-A, 1014-B (microfiche)

1. Washington Metropolitan Area Transit Authority. 2. Buses—Washington Metropolitan Area—Maintenance and repair. 3. Bus lines—Washington Metropolitan Area. 4. Dulles International Airport. 5. Subways—Virginia. I. Title. OCLC 11656865

85-13802

Y 4.D 63/1:98-8

United States. Congress. House. Committee on the District of Columbia. Subcommittee on Fiscal Affairs and Health.

Transfer of D.C. Employment Security Building : hearing before the Subcommittee on Fiscal Affairs and Health of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3707 ... October 25, 1983. — Washington : U.S. G.P.O., 1985.

iii, 7 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-8." ●Item 1014-A, 1014-B (microfiche)

1. District of Columbia Employment Security Building. 2. Washington (D.C.)—Public buildings. I. Title. II. Title: Transfer of DC Employment Security Building. OCLC 11762689

85-13803

Y 4.D 63/1:98-9

United States. Congress. House. Committee on the District of Columbia. Subcommittee on Fiscal Affairs and Health.

D.C. judges and independent counsel : hearings and markups before the Subcommittees on Fiscal Affairs and Health, Judiciary and Education and the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on H. R. 3655 ... H.R. 3920 ... H.R. 4146 ... H.R. 4371 ... H.R. 5279 ... H.R. 5636 ... H.R. 5951 ... H.R. 5379 and H.R. 6007 ... September 20, 28, 29, and November 17, 1983; May 2, June 14, 28, and July 24, 25, 1984. — Washington : U.S. G.P.O., 1984.

v, 406 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-9." ●Item 1014-A, 1014-B (microfiche)

1. Judges—Washington (D.C.) 2. Public prosecutors—Washington (D.C.) 3. Washington (D.C.)—Politics and government. I. United States. Congress. House. Committee on the District of Columbia. Subcommittee on Judiciary and Education. II. United States. Congress. House. Committee on the District of Columbia. III. Title. OCLC 11762358

## JOINT ECONOMIC COMMITTEE Washington, DC 20510

85-13804

Y 4.Ec 7: N 21/3/984

United States. Congress. Joint Economic Committee. Subcommittee on Investment, Jobs, and Prices.

The President's 1984 national urban policy report : hearing before the Subcommittee on Investment, Jobs, and Prices of the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 20, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 92 p. ; 24 cm. — (S. hrg. ; 98-1184) Distributed to some depository libraries in microfiche. ●Item 1000-B, 1000-C (microfiche)

1. Urban policy—United States. 2. Federal-city relations—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1184. OCLC 11684993

85-13805

Y 4.Ec 7:Ec 7/53

United States. Congress. Joint Economic Committee.

The 1984 midyear economic outlook : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, July 30 and August 2, 3, and 8, 1984. — Washington : U.S. G.P.O., 1985.

## Education and Labor, Committee on — House

iv, 284 p. : ill. ; 24 cm. — (S. hrg. ; 98-1196) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1000-B, 1000-C (microfiche)

1. United States — Economic conditions — 1981- 2. United States — Economic policy — 1981- I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1196. OCLC 11686060

85-13806

Y 4.Ec 7:H 34/3

United States. Congress. Joint Economic Committee.

Health care costs and their effects on the economy : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth congress, second session, April 12 and August 29, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iv, 275 p. : ill. ; 24 cm. — (S. hrg. ; 98-1193) Distributed to some depository libraries in microfiche. ●Item 1000-B, 1000-C (microfiche)

1. Medical care, Cost of — Government policy — United States. 2. Medical economics — United States. 3. Medicare. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1193. OCLC 11722109

85-13807

Y 4.Ec 7:J 27/9

United States. Congress. Joint Economic Committee.

Japanese tax policy : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, September 24, 1984. — Washington : U.S. G.P.O., 1985.

iii, 163 p. : ill. ; 24 cm. — (S. hrg. ; 98-1215) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1000-B, 1000-C (microfiche)

1. United States — Economic policy. 2. Japan — Economic policy. 3. Taxation — Japan. 4. Taxation — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1215. OCLC 11772990

85-13808

Y 4.Ec 7:N 21/3/984

United States. Congress. Joint Economic Committee. Subcommittee on Investment, Jobs, and Prices.

The President's 1984 national urban policy report : hearing before the Subcommittee on Investment, Jobs, and Prices of the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 20, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 92 p. ; 24 cm. — (S. hrg. ; 98-1184) Distributed to some depository libraries in microfiche. ●Item 1000-B, 1000-C (microfiche)

1. Urban policy — United States. 2. Federal-city relations — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1184. OCLC 11684993

85-13809

Y 4.Ec 7:T 19/23

Dunford, Richard W.

The effects of federal income tax policy on U.S. agriculture : a study / prepared for the use of the Subcommittee on Agriculture and Transportation of the Joint Economic Committee, Congress of the United States. — Washington : U.S. G.P.O., 1985.

x, 35 p. ; 24 cm. — (S. prt. ; 98-273) At head of title: 98th Congress, 2d session. Joint committee print. Distributed to some depository libraries in microfiche. December 21, 1984. Bibliography: p. 34-35. ●Item 1000-B, 1000-C (microfiche)

1. Agriculture — Taxation — United States. 2. Agriculture — Economic aspects — United States. 3. Agriculture —

Government policy — United States. I. United States. Congress. Joint Economic Committee. Subcommittee on Agriculture and Transportation. II. Title. III. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. prt. ; 98-273. OCLC 11730292

85-13810

Y 4.Ec 7:Y 8/2

United States. Congress. Joint Economic Committee.

Youth employment and the minimum wage : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 27, 1984. — Washington : U.S. G.P.O., 1985.

iii, 61 p. ; 24 cm. — (S. hrg. ; 98-1194) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1000-B, 1000-C (microfiche)

1. Youth — Employment — United States. 2. Wages — Minimum wage — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1194. OCLC 11684951

## EDUCATION AND LABOR, Committee on, House Washington, DC 20515

85-13811

Y 4.Ed 8:1:C 43/28

United States. Congress. House. Committee on Education and Labor. Subcommittee on Human Resources.

Title IV, Missing Children's Assistance Act : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4971 ... hearing held in Chicago, IL, on April 9, 1984. — Washington : U.S. G.P.O., 1985.

iv, 459 p. : ill., forms ; 24 cm. 1015-A, 1015-B (microfiche) Distributed to some depository libraries in microfiche. Includes bibliographies. ●Item 1015-A, 1015-B (microfiche)

1. Children — Information services — United States. 2. Runaway children — Legal status, laws, etc. — United States. 3. Missing persons — Legal status, laws, etc. — United States. 4. Kidnapping, Parental — United States. I. Title. OCLC 11656561

85-13812

Y 4.Ed 8:1:Ed 8/33/984/pt.1-4

United States.

A compilation of federal education laws ... as amended through December 31, 1984 / prepared for the use of the Committee on Education and Labor, House of Representatives. — Washington : U.S. G.P.O., 1985.

4 v. ; 24 cm. At head of title: Committee print. Distributed to some depository libraries in microfiche. "December 1984." Includes bibliographical references and indexes. Contents: v. I. General provisions — v. II. Elementary and secondary education, education of the handicapped, and related programs — v. III. Higher education — v. IV. Vocational education, job training, rehabilitation, and related statutes. ●Item 1015-A, 1015-B (microfiche)

1. Federal aid to education — United States. 2. Federal aid to vocational education — United States. 3. Handicapped — Education — United States. I. United States. Congress. House. Committee on Education and Labor. II. Title. OCLC 11759750

85-13813

Y 4.Ed 8/1:Im 6/2

United States. Congress. House. Committee on Education and Labor. Subcommittee on Labor Standards.

Hearings on immigration reform and agricultural guestworkers : hearings before the Subcommittee on Labor Standards of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearings held in Washington, D.C., on April 11 and May 3, 1984. — Washington : U.S. G.P.O., 1985.

iv, 383 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1015-A, 1015-B (microfiche)

1. Agricultural laborers — Legal status, laws, etc. — United States. 2. Refugees — United States. 3. Asylum, Right of. 4. United States — Emigration and immigration. I. Title. OCLC 11762373

85-13814

Y 4.Ed 8/1:In 8/10

United States. Congress. House. Committee on Education and Labor. Subcommittee on Select Education.

Oversight hearing on interagency cooperation : hearing before the Subcommittee on Select Education of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Aliquippa, PA, on March 23, 1984. — Washington : U.S. G.P.O., 1985.

iii, 68 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 64-65. ●Item 1015-A, 1015-B (microfiche)

1. Federal aid to handicapped services — United States. 2. Handicapped children — Education — Pennsylvania. 3. Exceptional children — Education — Pennsylvania. I. Title. OCLC 11689631

85-13815

Y 4.Ed 8/1:L 11/45

United States. Congress. House. Committee on Education and Labor. Subcommittee on Labor-Management Relations.

Labor-management relations and employee health and safety at the General Dynamics Corp. : joint hearing before the Subcommittee on Labor-Management Relations and the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 20, 1984. — Washington : U.S. G.P.O., 1984.

iv, 157 p. : ill., forms ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1015-A, 1015-B (microfiche)

1. General Dynamics Corporation. 2. Industrial relations — United States. 3. Occupational diseases — United States. 4. Industrial safety — United States. I. United States. Congress. House. Committee on Education and Labor. Subcommittee on Health and Safety. II. Title. OCLC 11651722

85-13816

Y 4.Ed 8/1:N 21/11

United States. Congress. House. Committee on Education and Labor. Subcommittee on Human Resources.

Native American Programs Act Amendments of 1983 : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4468 ... hearing held in Washington, DC, on March 14, 1984. — Washington : U.S. G.P.O., 1985.

iii, 108 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1015-A, 1015-B (microfiche)

1. Indians of North America — Financial affairs. 2. Hawaiians — Government policy — United States. 3. Eskimos — Government policy — United States. I. Title. OCLC 11656490

85-13817

Y 4.Ed 8/1:Oe 1/13

United States. Congress. House. Committee on Education and Labor. Subcommittee on Health and Safety.

OSHA hearings—state staffing levels and OSHA hazard communication standards : hearings before the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.J. Res. 319 ... and H.J. Res. 514 ..., hearings held in Washington, DC, on June 6, 26, 1984. — Washington : U.S. G.P.O., 1985.

iv, 154 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1015-A, 1015-B (microfiche)

1. Industrial hygiene — United States. 2. Industrial safety — United States. 3. Ordinances, Municipal — United States. 4. United States. Occupational Safety and Health Administration. I. Title. OCLC 11764945

## ENERGY AND NATURAL RESOURCES, Committee on, Senate Washington, DC 20510

85-13818

Y 4.En 2:S.hrg.98-1175

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy Research and Development.

Department of Energy research and development programs—fiscal year 1985 : hearings before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on the Department of Energy research and development programs, March 5, 12, 20, 22, April 5, and 24, 1984. — Washington : U.S. G.P.O., 1985.

v, 1123 p. : ill., maps ; 24 cm. — (S. hrg. ; 98-1175) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1040-A, 1040-B (microfiche)

1. United States. Dept. of Energy. 2. Energy development — United States — Finance. 3. Research and development contracts, Government — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1175. OCLC 11652522

85-13819

Y 4.En 2:S.hrg.98-1179

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy Research and Development.

Magnetohydrodynamics and the National Coal Science, Technology, and Engineering Development Acts : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 1278 ... S. 1925 ... April 9, 1984. — Washington : U.S. G.P.O., 1985.

iii, 357 p. : ill. ; 24 cm. — (S. hrg. ; 98-1179) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1040-A, 1040-B (microfiche)

1. Magnetohydrodynamic generators. 2. Electric power production — United States — Magnetohydrodynamic generation. 3. Research and development contracts — United States. 4. Coal — Research — United States. I. Title. II.

## Energy and Commerce — Committee on, House

Series: United States. Congress (98th, 2nd session : 1984).  
Senate. S. hrg. ; 98-1179. OCLC 11747504

85-13820

Y 4.En 2:S.hrg.98-1180

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Public Lands and Reserved Water.

Amending the National Historic Preservation Act; miscellaneous conveyances; fee exemptions; and assistance to volunteer groups : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on H.R. 2889 ... H.R. 2982 ... S. 2692 ... H.R. 2838 ... June 28, 1984. — Washington : U.S. G.P.O., 1985.

iii, 290 p. : ill., 1 map, forms ; 24 cm. — (S. hrg. ; 98-1180) Distributed to some depository libraries in microfiche. ●Item 1040-A, 1040-B (microfiche)

1. Reforestation—United States. 2. Historic sites—United States—Conservation and restoration. 3. United States—Public lands. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1180. OCLC 11745472

85-13821

Y 4.En 2:S.hrg.98-1182

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Public Lands and Reserved Water.

Withdraw and reserve certain public lands for military purposes : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2657 ... S. 2658 ... S. 2659 ... S. 2660 ... S. 2661 ... S. 2662 ... August 8, 1984. — Washington : U.S. G.P.O., 1985.

iii, 281 p. ; 24 cm. — (S.hrg. ; 98-1182) Distributed to some depository libraries in microfiche. ●Item 1040-A, 1040-B (microfiche)

1. United States—Public lands. 2. Military training camps—United States. 3. Weapons systems. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1182. OCLC 11656879

85-13822

Y 4.En 2:S.hrg.98-1186

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy Research and Development.

Review of the status of the U.S. domestic uranium mining and milling industry : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session ... September 12, 1984. — Washington : U.S. G.P.O., 1985.

iii, 399 p. : ill., 1 map ; 24 cm. — (S. hrg. ; 98-1186) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1040-A, 1040-B (microfiche)

1. Uranium industry—United States. 2. Uranium mines and mining—Government policy—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1186. OCLC 11778296

85-13823

Y 4.En 2:S.hrg.98-1216

United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy and Mineral Resources.

Enhanced coal technology : hearing before the Subcommittee on Energy and Mineral Resources of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, first session, on enhanced coal technology : coal's market for the eighties, August 9, 1983. — Washington : U.S. G.P.O., 1985.

iii, 462 p. : ill., 1 map, 1 form ; 24 cm. — (S. hrg. ; 98-1216) Distributed to some depository libraries in microfiche. Includes bibliographies. ●Item 1040-A, 1040-B (microfiche)

1. Coal mines and mining—United States. 2. Energy industries—United States—Technological innovations. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1216. OCLC 11773200

## ENERGY AND COMMERCE, Committee on, House Washington, DC 20515

85-13824

Y 4.En 2/3:98-163

United States. Congress. House. Committee on Energy and Commerce. Special Subcommittee on U.S. Trade with China.

China's trade with other Pacific rim nations : hearing before the Special Subcommittee on U.S. Trade with China of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984. — Washington : U.S. G.P.O., 1985.

iii, 276 p. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographies. "Serial no. 98-163." ●Item 1019-A, 1019-B (microfiche)

1. China—Commerce—Pacific Area. 2. Pacific Area—Commerce—China. 3. China—Foreign economic relations—Pacific Area. 4. Pacific Area—Foreign economic relations—China. I. Title. OCLC 11652123

85-13825

Y 4.En 2/3:98-166

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Energy Conservation and Power.

NRC management policies : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, June 21, 1984. — Washington : U.S. G.P.O., 1985.

ii, 132 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-166." ●Item 1019-A, 1019-B (microfiche)

1. U.S. Nuclear Regulatory Commission. 2. Atomic power-plants—United States—Accidents—Investigation. 3. Three Mile Island Nuclear Power Plant (Pa.)—Accidents—Investigation. I. Title. OCLC 11777837

85-13826

Y 4.En 2/3:98-167

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Energy Conservation and Power.

Phantom tax reform : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4923 ... June 12, 1984. — Washington : U.S. G.P.O., 1985.

iv, 520 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 246. "Serial no. 98-167." ●Item 1019-A, 1019-B (microfiche)

1. Electric utilities — Taxation — United States. 2. Electric utilities — United States — Rates. 3. Investment tax credit — United States. 4. Energy policy — United States. 1. Title. OCLC 11772796

85-13827

Y 4.En 2/3:98-168

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Health and the Environment.

Health and the environment, miscellaneous : hearings before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, first session .... — Washington : U.S. G.P.O., 1983-

v. : ill., maps ; 24 cm. "Ninety-eighth Congress, second session"—Pts. 5-6. Distributed to some depository libraries in microfiche. "June 25, 1984 ... July 27, 1984 ... July 31, 1984"—Pt. 6. Includes bibliographical references. Contents: pt. 6. Labeling of inactive ingredients in drugs—H.R. 4126 .... "Serial no. 98-168"—Pt. 6. ●Item 1019-A, 1019-B (microfiche)

1. Public health laws — United States. 2. Drugs — Law and legislation — United States. 1. Title. OCLC 10266330

85-13828

Y 4.En 2/3:98-170

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Health and the Environment.

Health and the environment, miscellaneous : hearings before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, first session .... — Washington : U.S. G.P.O., 1983-

v. : ill., maps ; 24 cm. "Ninety-eighth Congress, second session"—Pts. 5-7. Distributed to some depository libraries in microfiche. "May 31, 1984 ... August 3, 1984 ... August 6, 1984"—Pt. 7. Includes bibliographies. Contents: pt. 7. Toy Safety Act of 1984—H.R. 5630 .... "Serial no. 98-170"—Pt. 7. ●Item 1019-A, 1019-B (microfiche)

1. Public health laws — United States. 2. Public health — United States — Finance. 1. Title. OCLC 10266330

85-13829

Y 4.En 2/3:98-171

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Commerce, Transportation, and Tourism.

Professional Sports Team Community Protection Act : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5388 and H.R. 5430 ... June 21, 1984. — Washington : U.S. G.P.O., 1985.

iii, 139 p. ; 24 cm. "Serial no. 98-171." ●Item 1019-A, 1019-B (microfiche)

1. Professional sports — Law and legislation — United States. 2. Antitrust law — United States. 3. Sports and state — United States. 1. Title. OCLC 11753090

85-13830

Y 4.En 2/3:98-173

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Energy Conservation and Power.

Regional electric power : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-

eighth Congress, second session, on H.R. 5766 ... June 26, 1984. — Washington : U.S. G.P.O., 1985.

iii, 278 p. : ill., 2 maps ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographies. "Serial no. 98-173." ●Item 1019-A, 1019-B (microfiche)

1. Electric utilities — Law and legislation — United States. 2. Electric power distribution — United States — States. 1. Title. OCLC 11772833

85-13831

Y 4.En 2/3:98-174

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Commerce, Transportation, and Tourism.

Federal efforts to control asbestos hazards : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 26, 1984. — Washington : U.S. G.P.O., 1985.

iii, 225 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-174." Includes bibliographical references. ●Item 1019-A, 1019-B (microfiche)

1. Asbestos — United States. 2. Asbestos dust — Government policy — United States. 1. Title. OCLC 11691173

85-13832

Y 4.En 2/3:98-176

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Telecommunications, Consumer Protection, and Finance.

Broadcast regulation and station ownership : hearing before the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6122 ... H.R. 6134 ... September 19, 1984. — Washington : U.S. G.P.O., 1985.

iii, 403 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-176." ●Item 1019-A, 1019-B (microfiche)

1. Television broadcasting — Licenses — United States. 2. Radio broadcasting — Licenses — United States. 3. Television programs — United States. 4. Radio programs — United States. 1. Title. OCLC 11765005

85-13833

Y 4.En 2/3:98-180

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Commerce, Transportation, and Tourism.

Importation of solid waste : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session on H.R. 5186 ..., June 25, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 153 p. : ill., 1 map ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-180." ●Item 1019-A, 1019-B (microfiche)

1. Hazardous substances — United States — Transportation. 2. Radioactive waste disposal — Law and legislation — United States. 1. Title. OCLC 11779271

85-13834

Y 4.En 2/3:98-184

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.

RIF's at DOE : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Con-

## Finance, Committee on — Senate

gress, second session, September 10, 1984. — Washington : U.S. G.P.O., 1985.

ii, 447 p.: ill., forms ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-184." ●Item 1019-A, 1019-B (microfiche)

1. United States. Dept. of Energy 2. Employees, Dismissal of—Government policy—United States. 3. Layoff systems—Government policy—United States. I. Title. OCLC 11778556

85-13835

Y 4.En 2/3:98-187

United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.

Strategic petroleum reserve : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 24, 1984. — Washington : U.S. G.P.O., 1985.

ii, 99 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-187." ●Item 1019-A, 1019-B (microfiche)

1. Petroleum—United States—Reserves. 2. Petroleum—United States—Storage. 3. Energy policy—United States. I. Title. OCLC 11778471

## FINANCE, Committee on, Senate Washington, DC 20510

85-13836

Y 4.F 49:S.hrg.98-1145

United States. Congress. Senate. Committee on Finance. Subcommittee on International Trade.

State of the U.S. automobile industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 27, 1984. — Washington : U.S. G.P.O., 1984.

iii, 293 p. : ill. ; 23 cm. — (S. hrg. ; 98-1145) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Automobile industry and trade—United States. 2. Foreign trade regulation—United States. 3. Value-added tax—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. 98-1145. OCLC 11656533

85-13837

Y 4.F 49:S.hrg.98-1149

United States. Congress. Senate. Committee on Finance. Subcommittee on Taxation and Debt Management.

Imputed interest rules : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 3, 1984. — Washington : U.S. G.P.O., 1984.

iv, 267 p. : ill., 1 map ; 24 cm. — (S. hrg. ; 98-1149) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. United States. Internal Revenue Service. 2. Sales, Conditional—United States. 3. Income tax—United States—Deductions—Interest. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1149. OCLC 11656502

Page 256

85-13838

Y 4.F 49:S.hrg.98-1150/pt.1

United States. Congress. Senate. Committee on Finance.

Major tax reform options : hearings before the Committee on Finance, United States Senate, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1984.

v. : ill. ; 24 cm. — (S. hrg. ; 98-1150) Distributed to some depository libraries in microfiche. "August 7 and 9, September 11 and 20, 1984"—Pt. 1. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Taxation—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1150. OCLC 11685222

85-13839

Y 4.F 49:S.hrg.98-1154

United States. Congress. Senate. Committee on Finance. Subcommittee on Energy and Agricultural Taxation.

State severance taxes : hearing before the Subcommittee on Energy and Agricultural Taxation of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 463, July 24, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 216 p. ; 24 cm. — (S. hrg. ; 98-1154) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Severance tax—United States. 2. Taxation, State. 3. Federal-state controversies—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1154. OCLC 11656843

85-13840

Y 4.F 49:S.hrg.98-1156

United States. Congress. Senate. Committee on Finance. Subcommittee on Oversight of the Internal Revenue Service.

Increasing productivity and administrability of the tax code : hearing before the Subcommittee on Oversight of the Internal Revenue Service of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 17, 1984. — Washington : U.S. G.P.O., 1984.

iii, 209 p. : ill. ; 24 cm. — (S. hrg. ; 98-1156) Distributed to some depository libraries in microfiche. [Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)]

1. Tax administration and procedure—United States. 2. Capital productivity—United States. 3. Industrial productivity—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1156. OCLC 11651643

85-13841

Y 4.F 49:S.hrg.98-1174

United States. Congress. Senate. Committee on Finance. Subcommittee on International Trade.

U.S. steel industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 8, 1984. — Washington : U.S. G.P.O., 1985.

iv, 903 p. : ill., forms ; 24 cm. — (S. hrg. ; 98-1174) Distributed to some depository libraries in microfiche. Bibliography: p. 541-554. ●Item 1038-A, 1038-B (microfiche)

1. Steel industry and trade—United States. I. Title. II. Title: US steel industry. III. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1174. OCLC 11681669

85-13842

Y 4.F 49:S.hrg.98-1187

United States. Congress. Senate. Committee on Finance. Subcommittee on Health.

Community and Family Living Amendments of 1983 : field hearing before the Subcommittee on Health of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 13, 1984. — Washington : U.S. G.P.O., 1985.

v, 451 p. : ill., 2 maps ; 24 cm. — (S. hrg. ; 98-1187) Distributed to some depository libraries in microfiche. Includes bibliographies. ●Item 1038-A, 1038-B (microfiche)

1. Medicaid. 2. Handicapped — Housing — United States. 3. Long-term care facilities — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1187. OCLC 11750056

85-13843

Y 4.F 49:S.hrg.98-1191

United States. Congress. Senate. Committee on Finance. Subcommittee on International Trade.

State of the U.S. footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, May 25, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iv, 203 p. : ill. ; 24 cm. — (S. hrg. ; 98-1191) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Boots and shoes — Trade and manufacture — United States. 2. Foreign trade regulation — United States. I. Title. II. Title: State of the US footwear industry. III. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. 98-1191. OCLC 11723887

85-13844

Y 4.F 49:S.hrg.98-1192

United States. Congress. Senate. Committee on Finance. Subcommittee on Taxation and Debt Management.

Charitable contributions and ministers' and military housing deductions : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 377 and S. 2017, September 26, 1984. — Washington : U.S. G.P.O., 1985.

iv, 311 p. ; 24 cm. — (S. hrg. ; 98-1192) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1038-A, 1038-B (microfiche)

1. Income tax — United States — Deductions — Charitable contributions. 2. Clergy — Housing — Taxation — United States. 3. United States — Armed Forces — Housing — Taxation. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1192. OCLC 11722142

85-13845

Y 4.F 49:S.hrg.98-1208

United States. Congress. Senate. Committee on Finance. Subcommittee on International Trade.

Import relief for U.S. nonrubber footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 22, 1984. — Washington : U.S. G.P.O., 1985.

iv, 221 p. : ill. ; 24 cm. — (S. hrg. ; 98-1208) Distributed to some depository libraries in microfiche. ●Item 1038-A, 1038-B (microfiche)

1. Boots and shoes — Trade and manufacture — United States. 2. Foreign trade regulation — United States. I. Title. II. Title: Import relief for US nonrubber footwear industry. III. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. 98-1208. OCLC 11772584

85-13846

Y 4.F 49:S.hrg.98-1212

United States. Congress. Senate. Committee on Finance. Subcommittee on International Trade.

Increased duties on certain shelled filberts : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 14, 1984. — Washington : U.S. G.P.O., 1985.

iii, 83 p. ; 24 cm. — (S. hrg. ; 98-1212) Distributed to some depository libraries in microfiche. ●Item 1038-A, 1038-B (microfiche)

1. Tariff on filberts — United States. 2. Filbert industry — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1212. OCLC 11749889

# FOREIGN AFFAIRS, Committee on, House Washington, DC 20515

85-13847

Y 4.F 76/1:Af 8/26

Africa, the World Bank, and the IMF : an appraisal : hearing before the Subcommittee on Africa of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, February 23, 1984. — Washington : U.S. G.P.O., 1984.

iii, 103 p. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 103. ●Item 1017-A, 1017-B (microfiche)

1. World Bank. 2. International Monetary Fund. 3. Africa — Economic policy. OCLC 11432550

85-13848

Y 4.F 76/1:C 76/17

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations.

U.S. contribution to the U.N. decade for women : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984. — Washington : U.S. G.P.O., 1985.

iv, 281 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. Women — United States. 2. United Nations. I. Title. II. Title: US contribution to the U.N. decade for women. OCLC 11691107

85-13849

Y 4.F 76/1:Eu 7/17/984

The United States and Europe : common bonds and differing perspectives : report of the twenty-third meeting of members of Congress and of the European Parliament, January 19-21, 1984, pursuant to H. Res. 981 .... — Washington : U.S. G.P.O., 1984.

vii, 46 p. ; 23 cm. At head of title: 98th Congress, 2d session. Committee print. Distributed to some depository libraries in microfiche. ●Item 1017-A, 1017-B (microfiche)

1. United States — Foreign economic relations — European Economic Community countries — Congresses. 2. European Economic Community countries — Foreign economic relations — United States — Congresses. 3. United States — National security — Congresses. 4. Arms control — Congresses. I. United States. Congress House. Committee on Foreign Affairs. II. European Parliament. OCLC 11668226

## Foreign Affairs, Committee on — House

85-13850

Y 4.F 76/1:Ex 7/13

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on International Economic Policy and Trade. Controls on exports to the People's Republic of China : hearing before the Subcommittee on International Economic Policy and Trade of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, first session, November 17, 1983. — Washington : U.S. G.P.O., 1985.

iii, 38 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1017-A, 1017-B (microfiche)

1. Export controls — Government policy — United States. 2. United States — Foreign relations — China. 3. China — Foreign relations — United States. I. Title. OCLC 11654076

85-13851

Y 4.F 76/1:F 53/3

United States. Congress. House. Committee on Foreign Affairs. U.S. fisheries export promotion programs and prospects : joint hearings and markup before the Committee on Foreign Affairs and its Subcommittee on International Economic Policy and Trade and the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, U.S. House of Representatives, Ninety-eighth Congress, second session, on H.R. 3255, July 27; August 9; and September 6, 1984. — Washington : U.S. G.P.O., 1985.

v, 146 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-91 (Committee on Agriculture)" ●Item 1017-A, 1017-B (microfiche)

1. Fishery policy — United States. 2. Fish trade — Law and legislation — United States. 3. Foreign trade promotion — Law and legislation — United States. I. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on International Economic Policy and Trade. II. United States. Congress. House. Committee on Agriculture. Subcommittee on Department Operations, Research, and Foreign Agriculture. III. Title. IV. Title: US fisheries export promotion programs and prospects. OCLC 11652569

85-13852

Y 4.F 76/1:H 88/33

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations.

Human rights in Albania : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, January 25, 1984. — Washington : U.S. G.P.O., 1985.

iii, 87 p. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. Civil rights — Albania. I. Title. OCLC 11684805

85-13853

Y 4.F 76/1:In 3/9/add.

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on International Operations.

Addendum to oversight of the U.S. Information Agency : hearings before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, May 10 and 15, 1984. — Washington : U.S. G.P.O., 1985.

iii, 35 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1017-A, 1017-B (microfiche)

1. United States Information Agency. I. Title. OCLC 11724047

85-13854

Y 4.F 76/1:N 69

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on International Operations.

Implementation of noise regulation acts at Miami International Airport : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984. — Washington : U.S. G.P.O., 1985.

iii, 85 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1017-A, 1017-B (microfiche)

1. Miami International Airport 2. Airport noise — Law and legislation — Florida — Miami. I. Title. OCLC 11734926

85-13855

Y 4.F 76/1:So 8/33

United States. Congress. House. Committee on Foreign Affairs.

South Africa legislation : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on Africa, House of Representatives, Ninety-eighth Congress, second session, April 10; August 1; September 6, 1984, on H. Res. 430, H. Con. Res. 122, H. Con. Res. 42. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 117 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. Colored people (South Africa) — Relocation. 2. United States — Foreign relations — South Africa. 3. South Africa — Foreign relations — United States. 4. South Africa — Race relations. I. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Africa. II. Title. OCLC 11656760

85-13856

Y 4.F 76/1:So 8/35

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Western Hemisphere Affairs.

The role of the U.S. Southern Command in Central America : hearing before the Subcommittee on Western Hemisphere Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, August 1, 1984. — Washington : U.S. G.P.O., 1985

iii, 53 p. : ill., 1 map ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1017-A, 1017-B (microfiche)

1. United States — Foreign relations — Central America. 2. Central America — Foreign relations — United States. 3. Military assistance, American — Central America. I. Title. II. Title: The role of the US Southern Command in Central America. OCLC 11778322

85-13857

Y 4.F 76/1:Uk 7/2

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on International Operations.

Commission on the Ukraine Famine Act : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 3, 1984. — Washington : U.S. G.P.O., 1985.

iii, 37 p. : 1 map ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1017-A, 1017-B (microfiche)

1. United States. Commission on the Ukraine Famine. 2. Famines. 3. Ukraine. I. Title. OCLC 11780671

85-13858

Y 4.F 76/1:Un 35/65

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations.

U.S. international environmental policy : hearings before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, June 14 and September 12, 1984. — Washington : U.S. G.P.O., 1985.

iii, 234 p. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. Environmental policy — United States. 2. Environmental policy — United States — International cooperation. I. Title. II. Title: US international environmental policy. OCLC 11722177

85-13859

Y 4.F 76/1:Un 35/66

United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations.

Recent developments in UNESCO and their implications for U.S. policy: hearings before the Subcommittees on Human Rights and International Organizations and on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, July 26; September 13; December 6, 1984. — Washington : U.S. G.P.O., 1985.

iv, 332 p. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1017-A, 1017-B (microfiche)

1. Unesco. 2. International agencies — Government policy — United States. I. United States. Congress. House. Committee on Foreign Affairs. Subcommittee on International Operations. II. Title. OCLC 11750976

# FOREIGN RELATIONS, Committee on, Senate Washington, DC 20510

85-13860

Y 4.F 76/2:S.hrg.98-1160

United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on East Asian and Pacific Affairs.

United States-Japan trade : the \$30 billion gap : hearing before the Subcommittee on East Asian and Pacific Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, October 3, 1984. — Washington : U.S. G.P.O., 1985.

iii, 250 p. : ill. ; 24 cm. — (S. hrg. ; 98-1160) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1039-A, 1039-B (microfiche)

1. Balance of trade. 2. United States — Commerce — Japan. 3. Japan — Commerce — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1160. OCLC 11671584

85-13861

Y 4.F 76/2:S.hrg.98-1189

United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on African Affairs.

U.S. policy on South Africa : hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 26, 1984. — Washington : U.S. G.P.O., 1985.

iii, 46 p. ; 24 cm. — (S. hrg. ; 98-1189) Distributed to some depository libraries in microfiche. ●Item 1039-A, 1039-B (microfiche)

1. United States — Foreign relations — South Africa. 2. South Africa — Foreign relations — United States. I. Title. II. Title: US policy on South Africa. III. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1189. OCLC 11684871

85-13862

Y 4.F 76/2:S.hrg.98-1190

United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on African Affairs.

Food aid in Africa : lessons of 1984, prospects for 1985 : joint hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations and the Subcommittee on Foreign Agricultural Policy of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, ninety-eighth Congress, second session, September 19, 1984. — Washington : U.S. G.P.O., 1985.

iii, 45 p. ; 24 cm. — (S. hrg. ; 98-1190) Distributed to some depository libraries in microfiche. ●Item 1039-A, 1039-B (microfiche)

1. Food relief, American — Africa. 2. Agricultural assistance, American — Africa. 3. Food supply — Africa. I. United States. Congress. Senate. Committee on Agriculture, Nutrition, and Forestry. Subcommittee on Foreign Agricultural Policy. II. Title. III. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1190. OCLC 11689159

85-13863

Y 4.F 76/2:S.hrg.98-1213

United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on International Economic Policy.

Unitary tax : hearing before the Subcommittee on International Economic Policy of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 20, 1984. — Washington : U.S. G.P.O., 1985.

iii, 445 p. : ill., maps ; 24 cm. — (S. hrg. ; 98-1213) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1039-A, 1039-B (microfiche)

1. Corporations, Foreign — Taxation — United States — States. 2. International business enterprises — Taxation — United States — States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1213. OCLC 11750949

85-13864

Y 4.F 76/2:S.prt.99-6

Country reports on human rights practices (Washington, D.C. : 1979)

Country reports on human rights practices : report submitted to the Committee on Foreign Relations, U.S. Senate and Committee on Foreign Affairs, U.S. House of Representatives by the Department of State in accordance with sections 116(d) and 502B(b) of the Foreign Assistance Act of 1961, as amended. Washington, D.C. : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., Supt. of Docs., U.S. Govt. Print. Off., Washington, D.C. 20402

v. ; 24 cm. (S. prt. / 99th Congress, 1st session ; 99-6) Annual \$19.00

Began with 1979. At head of title: 99th Congress, 1st session. Joint committee print. Title varies slightly. Issues prior to 98th Congress were classed: Y 4.F 76/1:H 88/10/ and Y 4.F 76/2:H 88/12/ 1984. Description based on:

## Government Operations, Committee on — House

1980. [4 cds, Item 1039-A, 1039-B (microfiche), S/N 052-070-05999-1, CDD/SU/jt/jt] ●Item 1039-A, 1039-B (microfiche) S/N 052-070-05999-1 ISSN 0198-9669 Main series: United States Congress. Senate. S. print Continues: Report on human rights practices in countries receiving U.S. aid  
I. Civil rights—Periodicals. I. United States. Dept. of State. II. United States Congress. House. Committee on Foreign Affairs. III. United States Congress. Senate. Committee on Foreign Relations. IV. Series: United States Congress (99th, 1st session : 1985). Senate. S. print ; 99-6. JC571.U48a 80-643581 //r82 323.4/05 OCLC 06026722

### GOVERNMENT OPERATIONS, Committee on, House Washington, DC 20515

85-13865

Y 4.G 74/7:An 2/10

United States Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.

Federal agencies' audit resolution procedures : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 8, 1984. — Washington : U.S. G.P.O., 1985.

iii, 68 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1016-A, 1016-B (microfiche)  
1. Grants-in-aid—United States—Accounting. 2. Administrative agencies—Government policy—United States. 3. Auditing. I. Title. OCLC 11757793

85-13866

Y 4.G 74/7:C 63/5

United States Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.

Great Plains coal gasification project : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, October 18, 1983. — Washington : U.S. G.P.O., 1985.

iii, 384 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1016-A, 1016-B (microfiche)

1. Coal gasification—Great Plains. I. Title. OCLC 11657142

85-13867

Y 4.G 74/7:D 36/18

United States Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.

DOD's sophisticated munitions : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984. — Washington : U.S. G.P.O., 1984.

iii, 49 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1016-A, 1016-B (microfiche)

1. Guided missiles—Testing. 2. Airplanes, Military—Electronic equipment—Standards—United States. 3. United States. Dept. of Defense I. Title. OCLC 11778110

85-13868

Y 4.G 74/7:Em 7/6

United States Congress. House. Committee on Government Operations. Manpower and Housing Subcommittee.

Problem of delays in processing Federal Employees' Compensation Act (FECA) claims at the Boston District Office of Workers' Compensation Programs : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, October 12, 1984. — Washington : U.S. G.P.O., 1985.

iii, 122 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1016-A, 1016-B (microfiche)

1. Workers' compensation—Massachusetts—Boston. 2. Claims. 3. United States—Officials and employees—Massachusetts—Boston. I. Title. OCLC 11763851

85-13869

Y 4.G 74/7:F 51/4

United States Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.

Increase effectiveness of domestic firefighting forces (H.R. 3726); and Congressional Budget Act Amendments of 1984 (H.R. 5247) : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 3726 ... and H.R. 5247 ... July 26, 1984. — Washington : U.S. G.P.O., 1985.

iii, 127 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1016-A, 1016-B (microfiche)

1. Wildfires—United States—Prevention and control. 2. Fire-departments—Law and legislation—United States—International cooperation. 3. Budget—Law and legislation—United States. 4. United States Congress—Rules and practice. I. Title. OCLC 11772714

85-13870

Y 4.G 74/7:F 87/4

United States Congress. House. Committee on Government Operations. Government Information, Justice, and Agriculture Subcommittee.

The Freedom of Information Reform Act : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on S. 774 ... May 24, 30; June 20; and August 9, 1984. — Washington : U.S. G.P.O., 1985.

vi, 1155 p. : ill., forms ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographies. ●Item 1016-A, 1016-B (microfiche)

1. Freedom of information—United States. 2. Government information—United States. I. Title. OCLC 11661855

85-13871

Y 4.G 74/7:G 28 s/5

United States Congress. House. Committee on Government Operations. Government Activities and Transportation Subcommittee.

General Services Administration management initiatives to increase competition within the federal supply schedule : hearing before a subcommittee on the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 9, 1984. — Washington : U.S. G.P.O., 1984.

iii, 246 p. : ill., forms ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1016-A, 1016-B (microfiche)

1. Government purchasing—United States. 2. Competition—United States. 3. United States. General Services Administration I. Title. OCLC 11693847

85-13872

Y 4.G 74/7:G 89/3

United States Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.

Review of ground water contamination and depletion problems in the Northwest : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, November 28, 1983. — Washington : U.S. G.P.O., 1985.

iv, 158 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1016-A, 1016-B (microfiche)

1. Water, Underground — Pollution — Northwestern States.
2. Water-supply — Northwestern States.
3. Drinking water — Northwestern States — Contamination. I. Title. OCLC 11657630

85-13873

Y 4.G 74/7:P 44/3

United States. Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.

Problems with distribution of oil from the strategic petroleum reserve : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 10, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 169 p. : ill., maps ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1016-A, 1016-B (microfiche)

1. Petroleum — United States — Reserves — Marketing.
2. Petroleum — United States — Reserves — Transportation.
3. Petroleum industry and trade — United States. I. Title. OCLC 11651881

85-13874

Y 4.G 74/7:P 96/2

United States. Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.

Public relations costs charged to DOD contracts : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 25, 1984. — Washington : U.S. G.P.O., 1985.

iii, 130 p. : ill. ; 24 cm. ●Item 1016-A, 1016-B (microfiche)

1. United States. Dept. of Defense
2. Government purchasing — United States.
3. Public contracts — United States. I. Title. OCLC 11757951

85-13875

Y 4.G 74/7:R 18

United States. Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.

Ratification of reorganization plans : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6225 ... September 20, 1984. — Washington : U.S. G.P.O., 1985.

iii, 40 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1016-A, 1016-B (microfiche)

1. United States — Executive departments — Reorganization.
2. Legislative oversight — United States. I. Title. OCLC 11773001

85-13876

Y 4.G 74/7:Sy 7/2

United States. Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.

Synthetic Fuels Corporation oversight : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 16, 1984. — Washington : U.S. G.P.O., 1985.

iii, 55 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1016-A, 1016-B (microfiche)

1. Synthetic Fuels Corporation (U.S.) I. Title. OCLC 11684829

85-13877

Y 4.G 74/7:W 28/5

United States. Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.

Incineration of hazardous wastes at sea : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 12, 1984. — Washington : U.S. G.P.O., 1985.

iv, 343 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references.

●Item 1016-A, 1016-B (microfiche)

1. Hazardous wastes — United States — Incineration.
2. Waste disposal in the ocean — United States. I. Title. OCLC 11749826

## GOVERNMENTAL AFFAIRS, Committee on, Senate Washington, DC 20510

85-13878

Y 4.G 74/9:S.hrg.98-1125

United States. Congress. Senate. Committee on Governmental Affairs.

To establish a National Commission on Agricultural Trade and Export Policy : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 319 ... August 3, 1984. — Washington : U.S. G.P.O., 1984.

iii, 112 p. ; 24 cm. — (S. hrg. ; 98-1125) Distributed to some depository libraries in microfiche. ●Item 1037-B, 1037-C (microfiche)

1. United States. National Commission on Agricultural Trade and Export Policy.
2. Agriculture and state — United States.
3. United States — Commercial policy.
4. Foreign trade promotion — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1125. OCLC 11589984

85-13879

Y 4.G 74/9:S.hrg.98-1176

United States. Congress. Senate. Committee on Governmental Affairs. Permanent Subcommittee on Investigations.

Prevention of drug abuse among youth : hearing before the Permanent Subcommittee on Investigations of the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, June 26, 1985. — Washington : U.S. G.P.O., 1985.

iv, 74 p. : ill. ; 24 cm. — (S. hrg. ; 98-1176) Distributed to some depository libraries in microfiche. ●Item 1037-B, 1037-C (microfiche)

1. Youth — United States — Drug use — Prevention. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1176. OCLC 11630518

## INDIAN AFFAIRS, Select Committee on, Senate Washington, DC 20510

85-13880

Y 4.In 2/11:S.hrg.98-1185

United States. Congress. Senate. Select Committee on Indian Affairs.

Shee Atika, Inc. : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-eighth Congress, first session, on an inquiry into the affairs of Shee Atika, Inc., November 2 and 3, 1983, Washington, DC. — Washington : U.S. G.P.O., 1985.

## Interior and Insular Affairs — Committee on, House

iv, 536 p. : ill. ; 24 cm. — (S. hrg. ; 98-1185) Distributed to some depository libraries in microfiche. Bibliography: p. 337-339. ●Item 1009-B-5, 1009-C-5 (microfiche)

1. Shee Atika, Inc. 2. Corporations—Alaska. 3. Sierra Club. I. Title. II. Series: United States. Congress (98th, 1st session : 1983). Senate. S. hrg. ; 98-1185. OCLC 11689369

### INTERIOR AND INSULAR AFFAIRS, Committee on, House Washington, DC 20515

85-13881

Y 4.In 8/14:M 66/8

United States. Congress. House. Committee on Interior and Insular Affairs.

Federal minerals royalty management : an analysis of problem areas related to the management of the federal minerals royalty management program by the Minerals Management Service of the Department of Interior with recommended solutions : a report / prepared by the staff of the Committee on Interior and Insular Affairs of the U.S. House of Representatives with the assistance of the General Accounting Office staff, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1985.

iii, 247 p. : ill., forms ; 24 cm. At head of title: 98th Congress, 2d session. Committee print. Distributed to some depository libraries in microfiche. "December 1984." "No. 8." ●Item 1023-A, 1023-B (microfiche)

1. United States. Minerals Management Service 2. Mineral industries—United States. I. United States. General Accounting Office. II. Title. OCLC 11651651

85-13882

Y 4.In 8/14:98-46

United States. Congress. House. Committee on Interior and Insular Affairs.

Indian Gambling Control Act : hearing before the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4566 ... hearing held in Washington, DC, June 19, 1984. — Washington : U.S. G.P.O., 1984.

iv, 328 p. : ill., forms, maps ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-46." ●Item 1023-A, 1023-B (microfiche)

1. Gambling—United States. 2. Indians of North America—Government relations. I. Title. OCLC 11654605

85-13883

Y 4.In 8/14:98-51

United States. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Mining, Forest Management, and Bonneville Power Administration.

To amend the Mineral Lands Leasing Act of 1920 : hearing before the Subcommittee on Mining, Forest Management, and Bonneville Power Administration of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 1530 ..., hearing held in Washington, DC, June 21, 1984. — Washington : U.S. G.P.O., 1985.

iv, 173 p. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-51." ●Item 1023-A, 1023-B (microfiche)

1. Mines and mineral resources—United States. 2. Mining law—United States. I. Title. OCLC 11778352

## JUDICIARY, Committee on the, House Washington, DC 20515

85-13884

Y 4.J 89/1:In 2/9/984

Index to reports on private and public bills and resolutions favorably reported by the Committee in the ... Congress showing their status as of the date of final adjournment / prepared by the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, U.S. House of Representatives. Washington : U.S. G.P.O., v. ; 23 cm.

Biennial At head of title: 98th Congress, 2d session. Committee print. Ser. no. 20. "Printed for the use of the Committee on the Judiciary." Dec. 1984. Description based on: 1984. Vols. for (1982-) distributed to some depository libraries in microfiche. ●Item 1020-A, 1020-B (microfiche)

1. Bills, Legislative—United States—Periodicals. 2. United States. Congress. House. Committee on the Judiciary—Periodicals. I. United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations. OCLC 09541125

85-13885

Y 4.J 89/1:98/83

United States. Congress. House. Committee on the Judiciary. Subcommittee on Crime.

Crime and violence in the media : hearing before the Subcommittee on Crime of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session ... April 13, 1983. — Washington : U.S. G.P.O., 1984.

iii, 305 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographies. "Serial no. 83." ●Item 1020-A, 1020-B (microfiche)

1. Violence in mass media—United States. 2. Violence in television—United States. 3. Crime in television. 4. Crime and criminals—United States. I. Title. OCLC 11654344

85-13886

Y 4.J 89/1:98/85

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Financial assistance to Rockland County, NY, in the Brinks robbery trial : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5763 ... September 19, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 97 p. : forms ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-85." ●Item 1020-A, 1020-B (microfiche)

1. Justice, Administration of—New York (State)—Rockland County. 2. Courts—New York (State)—Rockland County. 3. Local finance—New York (State)—Rockland County. I. Title. II. Title: Brinks robbery trial. OCLC 11653411

85-13887

Y 4.J 89/1:98/86

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Wheeling Creek Watershed Protection District Compact : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second

session, on H.R. 5177 ... April 11, 1984. — Washington : U.S. G.P.O., 1984.

iii, 4 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 86." ●Item 1020-A, 1020-B (microfiche)

1. Wheeling Creek Watershed (Pa. and W. Va.) 2. Water resources development—Wheeling Creek Watershed (Pa. and W. Va.) I. Title. OCLC 11689755

85-13888

Y 4.J 89/1:98/87

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Amendment of the Debt Collection Act of 1982 : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on S. 376 ... October 19, 1983. — Washington : U.S. G.P.O., 1985.

iii, 50 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 87." ●Item 1020-A, 1020-B (microfiche)

1. Debts, Public—Law and legislation—United States. 2. Collection laws—United States. I. Title. OCLC 11689281

85-13889

Y 4.J 89/1:98/89

United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.

Medical care cost recovery : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4666 ... March 7, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 14 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 89." ●Item 1020-A, 1020-B (microfiche)

1. Medical care—United States. 2. Insurance, Health—United States. 3. Compensation (Law)—United States. 4. Torts—United States. I. Title. OCLC 11686009

85-13890

Y 4.J 89/1:98/96

United States. Congress. House. Committee on the Judiciary. Subcommittee on Courts, Civil Liberties, and the Administration of Justice.

Rules Enabling Act : hearings before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first and second sessions, on oversight and H.R. 4144 ... April 21, 1983, and March 1, 1984. — Washington : U.S. G.P.O., 1985.

v, 453 p. ; ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 96." ●Item 1020-A, 1020-B (microfiche)

1. United States. Supreme Court. 2. Civil procedure—United States. 3. Criminal procedure—United States. 4. Bankruptcy—United States. I. Title. OCLC 11763773

85-13891

Y 4.J 89/1:98/100

United States. Congress. House. Committee on the Judiciary. Subcommittee on Courts, Civil Liberties, and the Administration of Justice.

Witness Protection Act : hearing before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives,

Ninety-eighth Congress, first session, on H.R. 3086 ... June 22, 1983. — Washington : U.S. G.P.O., 1985.

v, 425 p. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 423-425. "Serial no. 100." ●Item 1020-A, 1020-B (microfiche)

1. Witnesses. 2. Crime and criminals—United States. 3. Civil procedure—United States. 4. United States marshals. I. Title. OCLC 11692653

## JUDICIARY, Committee on the, Senate Washington, DC 20510

85-13892

Y 4.J 89/2:S.hrg.98-1135

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Juvenile Justice.

Preventive detention of juveniles : hearing before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, oversight hearing to review the recent Supreme Court decision relating to the pretrial detention of juvenile offenders, June 19, 1984. — Washington : U.S. G.P.O., 1984.

iii, 56 p. ; 24 cm. — (S. hrg. ; 98-1135) Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. J-98-145." ●Item 1042-A, 1042-B (microfiche)

1. Juvenile corrections—United States. 2. Juvenile detention homes—United States. 3. Pre-trial intervention—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1135. OCLC 11661910

85-13893

Y 4.J 89/2:S.hrg.98-1159

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on the Constitution.

Commencement of terms of office of the President and Members of Congress : hearing before the Subcommittee on the Constitution of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 71 ... April 24, 1984. — Washington : U.S. G.P.O., 1985.

iv, 231 p. ; 24 cm. — (S. hrg. ; 98-1159) Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. J-98-113." ●Item 1042-A, 1042-B (microfiche)

1. Presidents—United States—Term of office. 2. United States. Congress. 3. United States—Constitutional law—Amendments. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1159. OCLC 11652805

85-13894

Y 4.J 89/2:S.hrg.98-1161

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Patents, Copyrights, and Trademarks.

The Free Market Copyright Royalty Act of 1983 : hearing before the Subcommittee on Patents, Copyrights, and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 1270 ... March 13, 1984. — Washington : U.S. G.P.O., 1985.

iii, 33 p. ; 24 cm. — (S. hrg. ; 98-1161) Distributed to some depository libraries in microfiche. "Serial no. J-98-100." ●Item 1042-A, 1042-B (microfiche)

1. Cable television—United States—Fees. 2. Copyright—Broadcasting rights—United States. I. Title. II.

## Labor and Human Resources — Committee on, Senate

Series: United States. Congress. (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1161. OCLC 11693799

85-13895

Y 4.J 89/2:S.hrg.98-1177

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Immigration and Refugee Policy.

Fiscal year 1985 budget authorization of Immigration and Naturalization Service : hearing before the Subcommittee on Immigration and Refugee Policy of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session ... March 13, 1984. — Washington : U.S. G.P.O., 1985.

iii, 105 p. ; 24 cm. — (S. hrg. ; 98-1177) Distributed to some depository libraries in microfiche. "Serial no. J-98-105." ●Item 1042-A, 1042-B

1. United States. Immigration and Naturalization Service I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1177. OCLC 11656691

85-13896

Y 4.J 89/2:S.hrg.98-1183

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Patents, Copyrights, and Trademarks.

Oversight on international copyrights : hearing before the Subcommittee on Patents, Copyrights and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on how to protect the nation's creativity by protecting the value of intellectual property, September 25, 1984. — Washington : U.S. G.P.O., 1985.

iii, 187 p. ; 24 cm. — (S. hrg. ; 98-1183) Distributed to some depository libraries in microfiche. "Serial no. J-98-142." ●Item 1042-A, 1042-B (microfiche)

1. Copyright, International. 2. Intellectual property — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1183. OCLC 11657582

85-13897

Y 4.J 89/2:S.hrg.98-1201

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Juvenile Justice.

Federal assistance to states to prevent the abuse of children in child care facilities : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 521 ... S. 1924 ... April 11 and September 18, 1984. — Washington : U.S. G.P.O., 1985.

iv, 192 p. : ill., 24 cm. — (S. hrg. ; 98-1201) Distributed to some depository libraries in microfiche. Bibliography: p. 172-173. "Serial no. J-98-111." ●Item 1042-A, 1042-B (microfiche)

1. Child abuse — Law and legislation — United States. 2. Juvenile detention homes — Government policy — United States. 3. Correctional personnel — Government policy — United States. 4. Sex crimes — Investigation — Government policy — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1201. OCLC 11764861

85-13898

Y 4.J 89/2:S.hrg.98-1207

United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Juvenile Justice.

Child sexual abuse victims in the courts : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session on oversight hearings to consider the testimony of children in sexual abuse cases, May 2 and 22, 1984. — [Washington, D.C.? : U.S. G.P.O., 1985]

iv, 200 p. : ill. ; 24 cm. — (S. hrg. ; 98-1207) Distributed to some depository libraries in microfiche. Bibliography: p. 138-141. "Serial no. J-98-119." ●Item 1042-A, 1042-B

1. Child abuse — Law and legislation — United States. 2. Child molesting — United States. 3. Children as witnesses — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1207. OCLC 11757684

## LABOR AND HUMAN RESOURCES, Committee on, Senate Washington, DC 20510

85-13899

Y 4.L 11/4:S.hrg.98-497/pt.3

United States. Congress. Senate. Committee on Labor and Human Resources.

Oversight on Boilermakers, 1983 : hearings before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, first session, on examination on alleged illegal sales of union memberships or books to unqualified welders by officials of local chapters of the International Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers. — Washington : U.S. G.P.O., 1984-

v. : ill., forms ; 24 cm. — (S. hrg. ; 98-497, pt. 3) "Second session"—Pts. 2 and 3. Distributed to some depository libraries in microfiche. Contents: pt. 3. Chairman's staff report, July 30, 1984. ●Item 1043-A, 1043-B (microfiche)

1. International Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers. 2. Trade-unions — United States — Membership. 3. Trade-unions — United States — Corrupt practices. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-497, pt. 3. OCLC 10898223

85-13900

Y 4.L 11/4:S.hrg.98-1137/pt.1-2

United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Education, Arts, and Humanities.

Civil Rights Act of 1984 : joint hearing before the Subcommittee on Education, Arts, and Humanities and the Subcommittee on the Handicapped of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2568 .... — Washington : U.S. G.P.O., 1984.

2 v. ; 24 cm. — (S. hrg. ; 98-1137, pts. 1, 2) Distributed to some depository libraries in microfiche. "May 24, 1984"—Pt. 1. "June 26, 1984"—Pt. 2. Includes bibliographical references. ●Item 1043-A, 1043-B (microfiche)

1. Civil rights — United States. 2. Discrimination — United States. I. United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on the Handicapped. II. Title. III. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1137, pts. 1, 2. OCLC 11658964

85-13901

Y 4.L 11/4:S.hrg.98-1138

United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Aging.

Longevity and the lifestyle of the older individual : hearing before the Subcommittee on Aging of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 27, 1984. — Washington : U.S. G.P.O., 1984.

iii, 109 p. : ill., 1 form ; 24 cm. — (S. hrg. ; 98-1138) Distributed to some depository libraries in microfiche. Bibliography: p. 51-53. ●Item 1043-A, 1043-B (microfiche)

1. Longevity — United States. 2. Longevity — Government policy — United States. 3. Aged — Government policy — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1138. OCLC 11651875

85-13902

Y 4.L 11/4:S.hrg.98-1152

United States. Congress. Senate. Committee on Labor and Human Resources.

Reauthorization of the National Science Foundation, 1985 : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 4, 1984. — Washington : U.S. G.P.O., 1984.

iii, 103 p. : ill., maps ; 24 cm. — (S. hrg. ; 98-1152) ●Item 1043-A, 1043-B (microfiche)

1. National Science Foundation (U.S.) I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1152. OCLC 11652603

85-13903

Y 4.L 11/4:S.hrg.98-1155

United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Alcoholism and Drug Abuse.

National minimum drinking age : hearing before the Subcommittee on Alcoholism and Drug Abuse of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on examining the tragedy of alcohol-related auto fatalities and whether the answer to this problem is to increase the minimum drinking age ... June 19, 1984. — Washington, D.C. : U.S. G.P.O., 1985.

iii, 133 p. ; 24 cm. — (S. hrg. ; 98-1155) Distributed to some depository libraries in microfiche. Bibliography: p. 94-99. ●Item 1043-A, 1043-B (microfiche)

1. Youth — United States — Alcohol use. 2. Drinking and traffic accidents — United States. 3. Liquor laws — United States. 4. Children — Legal status, laws, etc. — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1155. OCLC 11657442

85-13904

Y 4.L 11/4:S.hrg.98-1204

United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Education, Arts, and Humanities.

Reauthorization of the Library Services and Construction Act, 1984 : hearing before the Subcommittee on Education, Arts, and Humanities of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on proposed legislation authorizing funds for programs of the Library Services and Construction Act, March 23, 1984. — Washington : U.S. G.P.O., 1985.

iii, 122 p. : ill. ; 24 cm. — (S. hrg. ; 98-1204) Distributed to some depository libraries in microfiche. ●Item 1043-A, 1043-B (microfiche)

1. Federal aid to libraries — United States. 2. Libraries and state — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1204. OCLC 11763119

85-13905

Y 4.L 11/4:S.hrg.98-1209

United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Family and Human Services.

Reauthorization of the Adolescent Family Life Demonstration Projects Act of 1981 : hearings before the Subcommittee on Family and Human Services of the Committee on Labor

and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 24 and 26, 1984. — Washington : U.S. G.P.O., 1985.

iv, 231 p. : ill. ; 24 cm. — (S. hrg. ; 98-1209) Distributed to some depository libraries in microfiche. Bibliography: p. 74. ●Item 1043-A, 1043-B (microfiche)

1. Family life education — Government policy — United States. 2. Sex instruction for youth — Government policy — United States. 3. Federal aid to birth control — United States. 4. Pregnancy, Adolescent — Government policy — United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1209. OCLC 11749917

85-13906

Y 4.L 11/4:S.hrg.98-1210

United States. Congress. Senate. Committee on Labor and Human Resources.

Radiation cancer liability : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 18, 1984. — Washington : U.S. G.P.O., 1985.

iii, 211 p. : ill. ; 24 cm. — (S. hrg. ; 98-1210) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1043-A, 1043-B (microfiche)

1. Tumors, Radiation-induced. 2. Carcinogenesis. 3. Radiation — Toxicology. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1210. OCLC 11724037

## MERCHANT MARINE AND FISHERIES, Committee on, House Washington, DC 20515

85-13907

Y 4.M 53:M 33/15

Section-by-section comparison of January 9, 1985 draft recodification of maritime liability laws / Committee on Merchant Marine and Fisheries. — Washington : U.S. G.P.O., 1985.

6 p. : 24 cm. At head of title: Committee print. Distributed to some depository libraries in microfiche. ●Item 1021-B, 1021-C (microfiche)

1. Maritime law — United States. 2. Liability for marine accidents — United States. I. United States. Congress. House. Committee on Merchant Marine and Fisheries. OCLC 11737940

85-13908

Y 4.M 53:98-54

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Oceanography.

Status of U.S. marine research : hearing before the Subcommittee on Oceanography and the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on U.S. marine scientific research capabilities oversight, September 26, 1984. — Washington : U.S. G.P.O., 1985.

iv, 202 p. : ill., 1 map ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographies. "Serial no. 98-54." ●Item 1021-B, 1021-C (microfiche)

1. Oceanography — Research — United States. 2. Federal aid to research — United States. I. Title. II. Title: Status of US marine research. OCLC 11734938

## Narcotics Abuse and Control — Select Committee on, House

85-13909

Y 4.M 53:98-57

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Merchant Marine.

Maritime redevelopment : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on Maritime policy and regional economic development—Part 2, January 18, 1984, New Orleans, LA; ... April 30, 1984, New York, NY; Maritime Redevelopment Bank Act (H.R. 3399), June 20 and August 8, 1984, Washington, DC, November 9, 1984, Oakland CA. — Washington : U.S. G.P.O., 1985.

vii, 1220 p. : ill., maps ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial no. 98-57." ●Item 1021-B, 1021-C (microfiche)

1. Merchant marine—Government policy—United States. 2. Shipping—United States. 3. Ship-building—Law and legislation—United States. 4. Development banks—Law and legislation—United States. I. United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Merchant Marine. Maritime policy and regional economic development. II. Title. OCLC 11772886

85-13910

Y 4.M 53:98-58

United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on the Panama Canal/Outer Continental Shelf.

Offshore installations emergency evacuation : hearing before the Subcommittee on Panama Canal/Outer Continental Shelf of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6291 ... October 4, 1984. — Washington : U.S. G.P.O., 1985.

iv, 220 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographies. "Serial no. 98-58." ●Item 1021-B, 1021-C (microfiche)

1. Continental shelf—United States. 2. Merchant marine—United States—Safety measures. 3. Ships—United States. 4. Offshore structures—Safety measures. I. Title. OCLC 11747458

## NARCOTICS ABUSE AND CONTROL, Select Committee on, House Washington, DC 20515

85-13911

Y 4.N 16:98-2-4

United States. Congress. House. Select Committee on Narcotics Abuse and Control.

Federal drug law enforcement and interdiction : hearing before the Select Committee on Narcotics Abuse and Control, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984. — Washington : U.S. G.P.O., 1985.

iii, 207 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. "SCNAC-98-2-4." ●Item 1009-B-8, 1009-C-8 (microfiche)

1. Narcotics, Control of—United States. 2. Law enforcement—United States. I. Title. OCLC 11659386

## POST OFFICE AND CIVIL SERVICE, Committee on, House Washington, DC 20515

85-13912

Y 4.P 84/10:98-55

United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Human Resources.

Fair Reduction in Force Practices Act of 1984 : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6080 ... September 13, 1984. — Washington : U.S. G.P.O., 1985.

iii, 156 p. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 134. "Serial no. 98-55." ●Item 1022-B, 1022-C (microfiche)

1. Employees, Dismissal of—United States. 2. United States—Officials and employees—Dismissal of. I. Title. OCLC 11653222

85-13913

Y 4.P 84/10:98-57

United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Human Resources.

Implementation of Circular A-76 : hearings before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 20 and 25, 1984. — Washington : U.S. G.P.O., 1985.

iv, 470 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-57." ●Item 1022-B, 1022-C (microfiche)

1. Public contracts—United States. 2. Government purchasing—United States. I. Title. OCLC 11684076

85-13914

Y 4.P 84/10:98-61

United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Human Resources.

Placement programs for displaced federal employees : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, October 2, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 113 p. : forms ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-61." ●Item 1022-B, 1022-C (microfiche)

1. United States—Officials and employees—Appointment, qualifications, tenure. I. Title. OCLC 11651691

85-13915

Y 4.P 84/10:98-62

United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Postal Operations and Services.

Status of U.S. postal service : joint hearings before the Subcommittee on Postal Operations and Services and the Subcommittee on Postal Personnel and Modernization of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 25, 26, 1984. — Washington : U.S. G.P.O., 1985.

iii, 225 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial no. 98-62." ●Item 1022-B, 1022-C (microfiche)

1. United States Postal Service I. United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Postal Personnel and Modernization. II. Title. III. Title: Status of US postal service. OCLC 11773135

**PUBLIC WORKS AND TRANSPORTATION,  
Committee on, House  
Washington, DC 20515**

85-13916

Y 4.P 96/11:98-85

United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Investigations and Oversight.

Zilwaukee Bridge, Saginaw, MI : hearing before the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, House of Representatives, Ninety-eighth Congress, first session, February 18, 1983. — Washington : U.S. G.P.O., 1985.

iii, 135 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. "98-85." ●Item 1024-A, 1024-B (microfiche)

1. Bridges — Michigan — Saginaw. 2. Bridge construction — Michigan — Saginaw. 3. Federal aid to transportation — United States. I. Title. OCLC 11772669

85-13917

Y 4.P 96/11:98-88

United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Investigations and Oversight.

The impact of weather on aviation safety : report of the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, U.S. House of Representatives. — Washington : U.S. G.P.O., 1984.

vii, 41 p. : ill. ; 24 cm. At head of title: 98th Congress, 2d session. Committee print. Distributed to some depository libraries in microfiche. "November 1984." "98-88." ●Item 1024-A, 1024-B (microfiche)

1. Aeronautics — United States — Safety measures. 2. Weather. I. Title. OCLC 11651620

**RULES, Committee on,  
House  
Washington, DC 20515**

85-13918

Y 4.R 86/1:C 76/12/pt.1-2

United States. Congress. House. Committee on Rules. Subcommittee on Rules of the House.

98th Congress hearings : Subcommittee on Rules of the House : hearings before the Subcommittee on Rules of the House of the Committee on Rules, House of Representatives, Ninety-eighth Congress. — Washington : U.S. G.P.O., 1985.

2 v. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. "July 20, 1983 ... March 22, 1984"—Pt. 1. "June 20, 1984"—Pt. 2. Includes bibliographical references. Contents: pt. 1. H.R. 3231: Export Administration Amendments Act of 1983 ... H.R. 1314: Reorganization Act Amendments of 1984 — pt. 2. H.R. 4447: Extended voluntary departure for Salvadorans. ●Item 1025-C, 1025-D (microfiche)

1. Export controls — United States. 2. United States — Executive departments — Reorganization. 3. Emigration and immigration — United States. I. Title. OCLC 11690656

**SCIENCE AND TECHNOLOGY,  
Committee on, House  
Washington, DC 20515**

85-13919

Y 4.Sci 2:98/DD

Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report / prepared by the Congressional Research Service, the Library of Congress, transmitted to the Committee on Science and Technology, U.S. House of Representatives, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1984.

vii, 16 p. ; 24 cm. At head of title: Committee print. Distributed to some depository libraries in microfiche. "July 1984." Includes bibliographical references. "Serial DD." ●Item 1025-A-1, 125-A-2 (microfiche)

1. College facilities — United States — Finance. 2. Scientific apparatus and instruments — United States. 3. Federal aid to research — United States. 4. Research — United States — Equipment and supplies. 5. National Science Foundation (U.S.) I. Library of Congress. Congressional Research Service. II. United States. Congress. House. Committee on Science and Technology. III. United States. Congress. House. Committee on Science and Technology. Improving the research infrastructure at U.S. universities and colleges. OCLC 11425825

85-13920

Y 4.Sci 2:98/MM

An Agenda for a study of government science policy : report / prepared by the Task Force on Science Policy transmitted to the Committee on Science and Technology, U.S. House of Representatives, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1985.

vi, 62 p. ; 24 cm. At head of title: Committee print. Distributed to some depository libraries in microfiche. "December 1984." "Serial MM." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Science — Government policy — United States. 2. Science and state — United States. I. United States. Congress. House. Committee on Science and Technology. Task Force on Science Policy. OCLC 11773033

85-13921

Y 4.Sci 2:98/122

United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Research and Production.

The status of the technical infrastructure to support domestic food irradiation : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, July 26, 1984. — Washington : U.S. G.P.O., 1984.

iii, 442 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "No. 122." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Radiation preservation of food. 2. Food, Irradiated. 3. Food — Preservation. I. Title. OCLC 11652564

85-13922

Y 4.Sci 2:98/125

United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Research and Production.

Lessons learned in utility management and the status of the R&D program following the accident at Three Mile Island : hearing before the Subcommittee on Energy Research and

## Small Business, Committee on — House

Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984. — Washington : U.S. G.P.O., 1985.

iii, 509 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "No. 125." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Public utilities — United States — Management. 2. Nuclear physics — Research — United States. 3. Nuclear reactors — United States. I. Title. OCLC 11654742

85-13923

Y 4.Sci 2:98/127

United States. Congress. House. Committee on Science and Technology. Subcommittee on Science, Research, and Technology.

Federal organization for technological innovation : hearings before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, June 7, 12, 13, 14, 1984. — Washington : U.S. G.P.O., 1984.

iii, 572 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "No. 127." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. United States — Executive departments — Reorganization. 2. Technological innovations — United States. 3. Research, Industrial — Government policy — United States. I. Title. OCLC 11658906

85-13924

Y 4.Sci 2:98/128

United States. Congress. House. Committee on Science and Technology. Subcommittee on Science, Research, and Technology.

Science and math education : hearing before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, U.S. House of Representatives, Ninety-eighth Congress, second session, February 10, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 231 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "No. 128." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Science — Study and teaching — United States. 2. Mathematics — Study and teaching — United States. I. Title. OCLC 11691259

85-13925

Y 4.Sci 2:98/129

United States. Congress. House. Committee on Science and Technology.

Oversight review of the five-year outlook report on science and technology : hearing before the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, January 24, 1984. — Washington : U.S. G.P.O., 1985.

iii, 303 p. : forms ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "No. 129." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. United States — Executive departments — Reorganization. 2. Technological innovations — United States. 3. Research, Industrial — Government policy — United States. 4. Science and state — United States. I. Title. OCLC 11762608

85-13926

Y 4.Sci 2:98/132

United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Development and Applications.

The current state and future prospects of the U.S. photovoltaics industry : hearings before the Subcommittee on Energy Development and Applications of the Committee on

Science and Technology, House of Representatives, Ninety-eighth Congress, second session, September 11, 19, 1984. — Washington : U.S. G.P.O., 1985.

iii, 352 p. : ill., forms ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 222. "No. 132." ●Item 1025-A-1, 1025-A-2 (microfiche)

1. Solar power plants — United States. 2. Photovoltaic power generation — United States. I. Title. OCLC 11750924

## SMALL BUSINESS, Committee on, House Washington, DC 20515

85-13927

Y 4.Sm 1:C 73/6

United States. Congress. House. Committee on Small Business. Subcommittee on General Oversight and the Economy.

Small Business Administration's computer systems : hearing before the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, June 27, 1984. — Washington : U.S. G.P.O., 1985.

iii, 169 p. : ill., forms, 2 maps ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1031-A, 1031-B (microfiche)

1. United States. Small Business Administration. 2. United States. Small Business Administration. 3. Public contracts — United States. I. Title. OCLC 11652295

85-13928

Y 4.Sm 1:Ex 7/5

United States. Congress. House. Committee on Small Business. Subcommittee on Export Opportunities and Special Small Business Problems.

Export opportunities : an untapped resource for small business : hearing before the Subcommittee on Export Opportunities and Special Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Dallas TX, July 10, 1984. — Washington : U.S. G.P.O., 1985.

iv, 160 p. ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1031-A, 1031-B (microfiche)

1. Foreign trade promotion — United States. 2. Small business — United States. I. Title. OCLC 11651907

85-13929

Y 4.Sm 1:F 49/3

United States. Congress. House. Committee on Small Business. Subcommittee on Tax, Access to Equity Capital, and Business Opportunities.

Current trends in the financial services industry and their impact on small business financing : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, D.C., September 6, 1984. — Washington : U.S. G.P.O., 1985.

iii, 242 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Bibliography: p. 83. ●Item 1031-A, 1031-B (microfiche)

1. Financial institutions — United States. 2. Small business — United States — Finance. 3. Service industries — United States. I. Title. OCLC 11651756

85-13930

Y 4.Sm 1:1a 8/5

United States. Congress. House. Committee on Small Business. Subcommittee on Tax, Access to Equity Capital, and Business Opportunities.

IRS compliance procedures : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, October 3, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iii, 53 p. : ill., forms ; 24 cm. Distributed to some depository libraries in microfiche. ●Item 1031-A, 1031-B (microfiche)

1. United States. Internal Revenue Service. 2. Tax administration and procedure—United States. I. Title. OCLC 11653028

85-13931

Y 4.Sm 1:M 46/4

United States. Congress. House. Committee on Small Business. Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business.

Future of independent marketers in the post-merger petroleum marketplace : joint hearing before the Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business and the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, April 11, 1984. — Washington : U.S. G.P.O., 1985.

iv, 112 p. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1031-A, 1031-B (microfiche)

1. Small business—United States. 2. Gasoline—United States—Marketing. 3. Conglomerate corporations—United States. I. United States. Congress. House. Committee on Small Business. Subcommittee on General Oversight and the Economy. II. Title. OCLC 11758934

85-13932

Y 4.Sm 1:Su 7/982

United States. Congress. House. Committee on Small Business. Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems.

Review of the 10-percent set-aside program section 105 (f) of the Surface Transportation Assistance Act of 1982 : hearing before the Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, Washington, D.C., September 19, 1984. — Washington : U.S. G.P.O., 1984 [i.e. 1985]

iv, 192 p. ; 24 cm. Distributed to some depository libraries in microfiche.

1. Small business—United States. 2. Public contracts—United States. 3. Road construction industry—United States. 4. Urban transportation policy—United States. I. Title. OCLC 11651833

# SMALL BUSINESS, Committee on, Senate Washington, DC 20510

85-13933

Y 4.Sm 1:2:S.hrg.98-1166

United States. Congress. Senate. Committee on Small Business. S. 2489, the Small Business Competition Enhancement Act of 1984 and S. 2434, a bill to amend section 15 of the Small

Business Act by requiring the assignment of breakout procurement center representatives : hearings before the Committee on Small Business, United States Senate, Ninety-eighth Congress, second session ... April 6 and 12, 1984. — Washington : U.S. G.P.O., 1985.

iv, 577 p. : ill. ; 24 cm. — (S. hrg. ; 98-1166) Distributed to some depository libraries in microfiche. ●Item 1049-J, 1049-K (microfiche)

1. Small business—United States. 2. Government purchasing—United States. 3. Defense contracts—United States. 4. Competition—United States. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1166. OCLC 11656794

## SPEAKER'S COMMISSION ON PAGES

House

Washington, DC 20515

85-13934

Y 4.Sp 3:P 14/2

Final report to the Speaker from the House of Representatives Page Board / prepared by the staff of the Honorable Joseph G. Minish, chairman, House of Representatives Page Board. — Washington : U.S. G.P.O., 1985.

v, 12 p. ; 24 cm. At head of title: Committee print. Distributed to some depository libraries in microfiche. "December 11, 1984." ●Item 1009-B, 1009-C (microfiche)

1. Capitol pages—Education. 2. United States. Congress I. United States. Congress. House. Page Board on Education for Congressional Pages. II. Title. OCLC 11780835

## TAXATION, Joint Committee on, Washington, DC 20515

85-13935

Y 4.T 19/4:R 32/10

General explanation of the revenue provisions of the Deficit Reduction Act of 1984 : (H.R. 4170, 98th Congress; Public Law 98-369) / prepared by the staff of the Joint Committee on Taxation. — Washington : U.S. G.P.O. : For sale by the Supt. of Docs., U.S. G.P.O., 1985.

xxi, 1257 p. ; 24 cm. At head of title: Joint committee print. Distributed to some depository libraries in microfiche. "December 31, 1984." Includes bibliographical references. ●Item 1002-A, 1002-B (microfiche) S/N 052-070-05990-7 @ GPO \$18.00

1. Taxation—Law and legislation—United States. 2. Income tax—Law and legislation—United States. 3. Corporations—Taxation—United States. 4. Capital gains tax—Law and legislation—United States. I. United States. Congress. Joint Committee on Taxation. OCLC 11603955

## VETERANS' AFFAIRS, Committee on, House Washington, DC 20515

85-13936

Y 4.V 64/3:R 29

Report on congressional delegation trip to Southeast Asia to the Committee on Veterans' Affairs, House of Representatives, Ninety-eighth Congress, second session. — Washington : U.S. G.P.O., 1985.

v, 22 p. ; 24 cm. At head of title: 98th Congress, 2d session. Committee print. Distributed to some depository libraries in microfiche. "No. 87." ●Item 1027-A, 1027-B (microfiche)

## Veterans' Affairs, Committee on — Senate

1. Asia, Southeastern — Politics and government. I. United States. Congress. House. Committee on Veterans' Affairs. OCLC 11684017

85-13937

Y 4.V 64/3:98-61

United States. Congress. House. Committee on Veterans' Affairs. Subcommittee on Housing and Memorial Affairs.

The need for a national veterans' cemetery in the state of Arizona : hearing before the Subcommittee on Housing and Memorial Affairs of the Committee on Veterans' Affairs, House of Representatives, Ninety-eighth Congress, second session, November 14, 1984. — Washington : U.S. G.P.O., 1985.

iii, 30 p. : 1 map ; 24 cm. Distributed to some depository libraries in microfiche. "Ser. no. 98-61." ●Item 1027-A, 1027-B (microfiche)

1. National cemeteries, American — Arizona. I. Title. OCLC 11780663

## VETERANS' AFFAIRS, Committee on, Senate Washington, DC 20510

85-13938

Y 4.V 64/4:S.hrg.98-1211

United States. Congress. Senate. Committee on Veterans' Affairs.

Veterans' Administration health care amendments of 1984 : hearing before the Committee on Veterans' Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2210, S. 2269, amendment no. 2850 to S. 2269, S. 2278, S. 2514, and related bills, April 11, 1984. — Washington : U.S. G.P.O., 1985.

v, 697 p. : ill., forms ; 24 cm. — (S. hrg. ; 98-1211) Distributed to some depository libraries in microfiche. Includes bibliographical references. ●Item 1046-A-1, 1046-A-2 (microfiche)

1. United States. Veterans Administration. 2. Veterans — Medical care — United States. 3. Veterans — Legal status, laws, etc. — United States. 4. Veterans, Disabled — United States — Transportation. I. Title. II. Series: United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1211. OCLC 11765470

## WAYS AND MEANS, Committee on, House Washington, DC 20515

85-13939

Y 4.W 36:98-76

United States. Congress. House. Committee on Ways and Means. Subcommittee on Trade.

Miscellaneous tariff and trade bills : hearings and written comments before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, first and second sessions, November 15, 1983 and June 21, 1984. — Washington : U.S. G.P.O., 1985.

xi, 805 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial 98-76." ●Item 1028-A, 1028-B (microfiche)

1. Tariff — Law and legislation — United States. 2. Duty-free importation — United States. I. Title. OCLC 11745681

85-13940

Y 4.W 36:98-91

United States. Congress. House. Committee on Ways and Means. Subcommittee on Health.

Alternative Medical Liability Act : hearing before the Subcommittee on Health of the Committee on Ways and Means,

House of Representatives, Ninety-eighth Congress, second session, on H.R. 5400 ... June 28, 1984. — Washington : U.S. G.P.O., 1984.

iv, 219 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial 98-91." ●Item 1028-A, 1028-B (microfiche)

1. Medical personnel — Malpractice — United States. 2. Medicare. 3. Veterans — Medical care — United States. 4. Insurance, Physicians' liability — United States. I. Title. OCLC 11667865

85-13941

Y 4.W 36:98-95

United States. Congress. House. Committee on Ways and Means.

Superfund Expansion and Protection Act of 1984 : hearing before the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5640 ... July 25, 1984. — Washington : U.S. G.P.O., 1985.

iv, 685 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial 98-95." ●Item 1028-A, 1028-B (microfiche)

1. Liability for hazardous substances pollution damages — United States. 2. Special funds — United States. 3. Pollution — Law and legislation — United States. 4. United States — Appropriations and expenditures. I. Title. OCLC 11763198

85-13942

Y 4.W 36:98-96

United States. Congress. House. Committee on Ways and Means. Subcommittee on Trade.

Market expansion for U.S.-produced wine : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 24, 1984. — Washington : U.S. G.P.O., 1985.

iii, 244 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. Includes bibliographical references. "Serial 98-96." ●Item 1028-A, 1028-B (microfiche)

1. Wine and wine making — United States. 2. Wine industry — United States. 3. Grape products — United States — Marketing. I. Title. OCLC 11691149

85-13943

Y 4.W 36:98-100

United States. Congress. House. Committee on Ways and Means. Subcommittee on Trade.

Competitive conditions in the U.S. civil aircraft industry and forest products industry : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 9, 1984, Seattle, Washington. — Washington : U.S. G.P.O., 1985.

iii, 84 p. : ill. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial 98-100." ●Item 1028-A, 1028-B (microfiche)

1. Aircraft industry — Northwest, Pacific. 2. Forest products industry — Northwest, Pacific. 3. Competition, International. I. Title. II. Title: Competitive conditions in the US civil aircraft industry and forest products industry. OCLC 11780640

85-13944

Y 4.W 36:98-101

United States. Congress. House. Committee on Ways and Means. Subcommittee on Public Assistance and Unemployment Compensation.

GAO analysis of the 1981 AFDC reductions : hearing before the Subcommittee on Public Assistance and Unem-

ployment Compensation of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, May 2, 1984. — Washington : U.S. G.P.O., 1985.

iii, 96 p. ; 24 cm. Distributed to some depository libraries in microfiche. "Serial 98-101." ●Item 1028-A, 1028-B (microfiche)

1. Federal aid to child welfare — United States. 2. Welfare recipients — United States. I. Title. OCLC 11762300

**CONGRESSIONAL BUDGET OFFICE**  
**Washington, DC 20515**

85-13945

Y 10.2:B 85/21

Meyers, Roy T.

The budgetary status of the Federal Reserve System. — [Washington, D.C.? : Congress of the U.S., Congressional Budget Office, [1985]

xix, 107 p. ; 26 cm. — (A CBO study) "February 1985"—Cover. Includes bibliographical references. ●Item 1005-C

1. Board of Governors of the Federal Reserve System (U.S.) I. United States. Congressional Budget Office. II. Title. III. Series. OCLC 11692656

85-13946

Y 10.8:C 76

Zacharias, Johanna.

A style guide for CBO : about writing and word usage. — Rev. fall 1984. — Washington, D.C. : Congress of the U. S., Congressional Budget Office, [1984]

ix, 91 p. ; 27 cm. Includes bibliographical references.

●Item 1005-B

1. Grammar, Comparative and general — Handbooks, manuals, etc. 2. English language — Grammar. I. United States. Congressional Budget Office. II. Title. III. Title: A style guide for C.B.O. OCLC 11721341

85-13947

Y 10.15:P 41/985

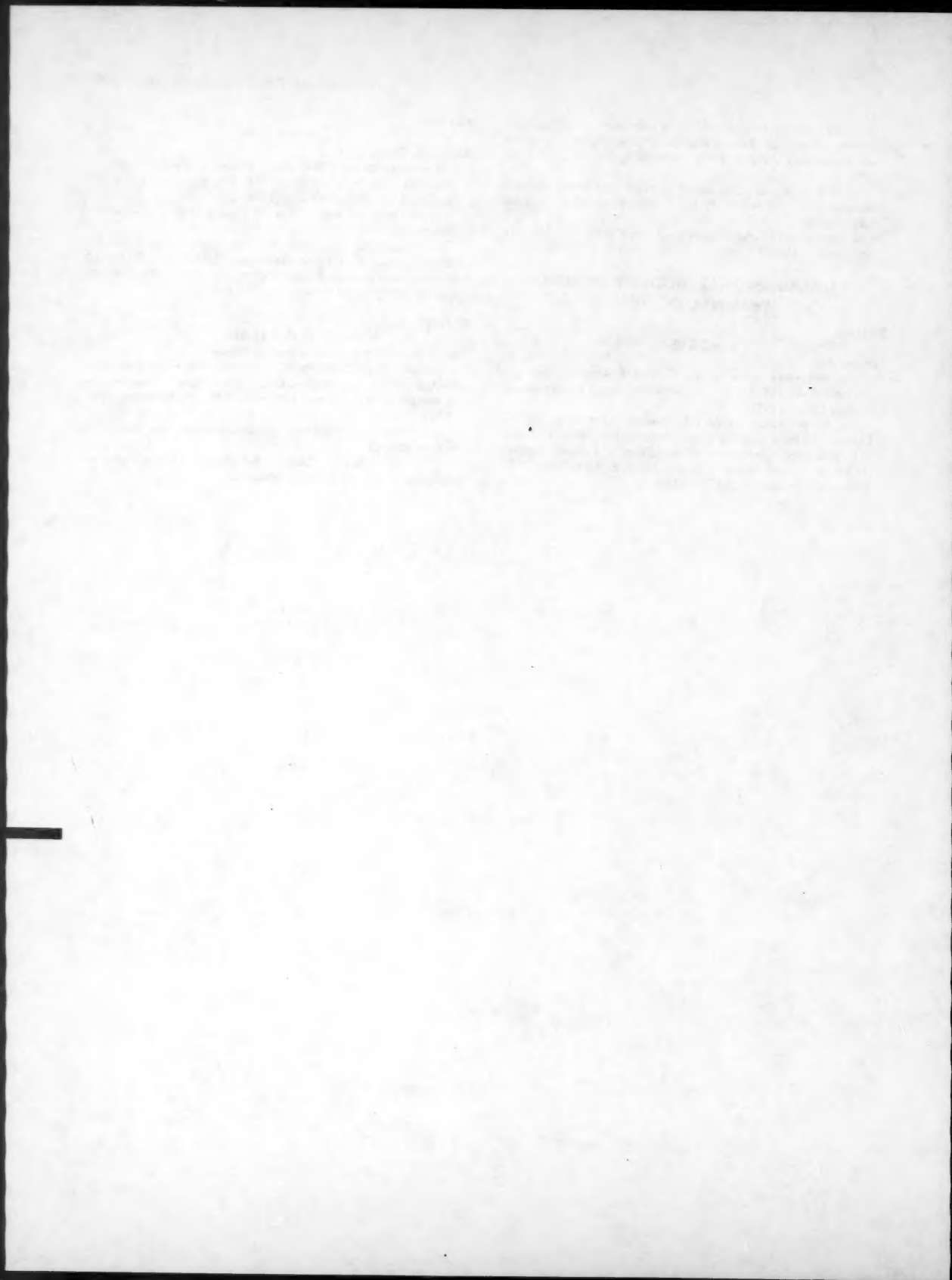
United States. Congressional Budget Office.

Periodicals received by the CBO Library / Congressional Budget Office. Washington, D.C. : The Office, Congressional Budget Office, 2nd and D Streets, S.W., Washington, D.C., 20515

v. ; 25 cm. Winter 1985. Description based on: Jan. 1983.

●Item 1005-H

1. CBO Library (U.S.) — Periodicals — Bibliography — Catalogs. I. Title. OCLC 06359827



## Author Index

### A

#### **Alt Associates.**

Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes., 85-13005

#### **Abubakar, M. S.**

Analysis of carbon dioxide bands near 2.2 um, 85-13275

#### **Abujela, Muftah Taber.**

Confined turbulent swirling recirculating flow predictions, 85-13431

#### **ACCESS, Inc.**

Final report of the Haitian/English language project /, 85-12450

#### **Ackley, Stephen F.**

Sea ice data buoys in the Weddell Sea /, 85-12323

#### **Acosta, R.**

Secondary pattern computation of an arbitrarily shaped main reflector, 85-13089

#### **Adams, Louis R.**

Hinge specification for a square-faceted tetrahedral truss, 85-13189

#### **Adams, Loyce M.**

Design, development and use of the finite element machine, 85-13178

#### **Adelung, Stanley L.**

Vector wind gust model, 85-13169

#### **Adoue, Joseph A.**

Pretest plan for a quarter scale aft segment of the SRB filament wound case in the NSWC Hydroballistics Facility, 85-13168

#### **Advertising Council.**

"Have fun coloring and learn how to prevent crime too!": the crime prevention coloring book., 85-12232

#### **Aerocomp, Inc.**

Draft air quality analysis for the combined hydrocarbon EIS, eastern and south-central Utah — Sunnyside STSA /, 85-12730

#### **Ahmed, Saad A.**

An experimental investigation of gas jets in confined swirling air flow /, 85-13141

#### **Ahrens, T. J. (Thomas J.), 1936-**

Orbiting dynamic compression laboratory, 85-13296

A sensitive optical pyrometer for shock-temperature measurements, 85-13274

Shock vaporization and the accretion of the icy satellites of Jupiter and Saturn, 85-13351

#### **Ahumada, Albert.**

Uniform apparent contract noise, 85-13104

#### **Air Force Human Resources Laboratory.**

Analysis to improve the maintenance environment: a view from active-duty missile maintenance personnel /, 85-12409

Annotated bibliography of the Air Force Human Resources Laboratory technical publications, 1981 /, 85-12408

Factors critical to the implementation of self-paced instruction: a background review /, 85-12411

Self-paced instruction: factors critical to implementation in Air Force technical training: a preliminary inquiry /, 85-12410

#### **Air University (U.S.). Air Command and Staff College.**

Welcome! Class of 1986., 85-12379

#### **Air University (U.S.). Extension Course Institute.**

Aerospace ground equipment repairman (AFSC 42153) /, 85-12395

Airborne communications systems operator (AFSC 11650) /, 85-12382, 85-12383

Apprentice operations systems management specialist (AFSC 27132) /, 85-12385

Combat control operator (AFSC 27350) /, 85-12386

Corrosion control /, 85-12407

Defensive system trainer specialist (AFSC 34152) /, 85-12392, 85-12393

Diet therapy specialist (AFSC 62251) /, 85-12400

Digital techniques: module 10005., 85-12378

Disaster preparedness specialist (AFSC 24250) /, 85-12384

Electronic warfare systems specialist (AFSC 32853) /, 85-12391

Environmental support specialist (AFSC 56651) /, 85-12399

F-100 jet engine mechanic (AFSC 42654) /, 85-12398

Inventory management supervisor (AFSC 64570) /, 85-12401

Legal services technician (AFSC 70570) /, 85-12403, 85-12404

Logistics plans specialist (AFSC 66150) /, 85-12402

Maintenance scheduling specialist (AFSC 39250) /, 85-12394

Meteorological technician (AFSC 25170), 85-12406

Precision measuring equipment technician (AFSC 32470) /, 85-12390

Radio and television broadcasting specialist (AFSC 79151), 85-12405

Space communications systems equipment operator/specialist (AFSC 30456) /, 85-12388

Turboprop propulsion mechanic (AFSC 42653) /, 85-12396, 85-12397

Weapon control systems technician (F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389

Weather equipment technician (AFSC 30270) /, 85-12387

#### **Akima, H. (Hiroshi)**

Polarization angles of linearly polarized antennas and radio waves in satellite communications /, 85-12117

#### **Akin, Lee S.**

An investigation of the transient thermal analysis of spur gears, 85-13080

Lubricant jet flow phenomena in spur and helical gears with modified center distances and/or addendums, 85-13079

Parameter studies of gear cooling using an automatic finite element mesh generator, 85-13077

#### **Alabama. Dept. of Education. Office of Research.**

Collaborative for Alabama Urban School Educators: final report /, 85-12469

#### **Albueh, Farrokh.**

A simple transmission network planning method: Wisconsin power plant impact study /, 85-12496

## Alexander, Samuel S.

### Alexander, Samuel S.

Anion permselective membrane, 85-13402

### Alexander, Wilma Jean.

Word processing : a guide to program planning /, 85-12439

### Allen, Jane S.

Inventory management supervisor (AFSC 64570) /, 85-12401

Turboprop propulsion mechanic (AFSC 42653) /, 85-12396, 85-12397

### Allen, John M. (John Malone), 1921-

Control of wood stove emissions using improved secondary combustion /, 85-12505

Study of the effectiveness of a catalytic combustion device on a wood burning appliance /, 85-12504

### Allen, L. H.

Use of thermal inertia determined by HCMM to predict nocturnal cold prone areas in Florida, 85-13369

### Aller, Linda.

Methods for determining the mechanical integrity of class II injection wells /, 85-12491

### Alverno College.

Careering after college : establishing the validity of abilities learned in college for later careering and professional performance : final report to the National Institute of Education : overview and summary /, 85-12458

### Alverno College. Office of Research & Evaluation.

Careering after college : perspectives on lifelong learning and career development /, 85-12459

### Alvey, Wendy.

Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565

### American Historical Association.

Annual report /, 85-13550

### American Statistical Association. Meeting (144th : 1984 : Philadelphia, Pa.)

Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565

### American University (Washington, D.C.).

Foreign Area Studies. Philippines, a country study /, 85-12273

### American Vocational Association.

Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 /, 85-12451

### Ames, Kathy R.

XSECT, 85-13044

### Ames Research Center.

Application of supercomputers to computational aerodynamics, 85-13111

Application of surface acoustic wave devices to radio telemetry, 85-13273

Astronomical application of IR CID technology, 85-13154

Design considerations for a <sup>3</sup>He refrigerator for space applications, 85-13112

Effect of boattail geometry on the aeroacoustics of parallel baffles in ducts, 85-13113

An efficient approximate factorization implicit scheme for the equations of gas dynamics, 85-13110

Evaluation of HiMAT aircraft landing approach lateral control gearing using simulation and a visual display, 85-13085

Investigation of image enhancement techniques for the development of a self-contained airborne radar navigation system, 85-13151

LANDSAT-4 thematic mapper modulation transfer function (MTF) evaluation, 85-13377

Nonlinear problems in flight dynamics, 85-13107

Numerical optimization design of advanced transonic wing configurations, 85-13109

A numerical study of the controlled flow tunnel for a high lift model, 85-13152

Optimization of cooled shields in insulations, 85-13153

PAN AIR, a computer program for predicting subsonic or supersonic linear potential flows about arbitrary configurations using a higher order panel method, 85-13136

Study of the mapping of Navier-Stokes algorithms onto multiple-instruction/multiple-data-stream computers, 85-13108

Thermal response of space shuttle wing during reentry heating, 85-13106

Understanding a technical language, 85-13105

Uniform apparent contract noise, 85-13104

### Amols, George.

Agricultural finance statistics, 1960-83 /, 85-11849

## Author Index

### Analytic Sciences Corporation.

Radar data smoothing filter study, 85-13161

### Analytical Mechanics Associates.

Investigation of image enhancement techniques for the development of a self-contained airborne radar navigation system, 85-13151

STS-8 BET results, 85-13183

### Andersen, Carl M. (Carl Marius), 1930-

Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires /, 85-13462

### Anderson, Don L.

Anisotropic models of the upper mantle, 85-13255

### Anderson, Fredric D.

Technical specifications, Callaway Plant, Unit no. 1 : docket no. STN 50-483 : appendix "A" to license no. NPF-30, 85-13713

### Anderson, N. P. (Neal P.)

Program for development of strain tolerant thermal barrier coating systems, 85-13237

### Anderson, Neil E.

An analytical method to predict efficiency of aircraft gearboxes, 85-13074

Efficiency of nonstandard and high contact ratio involute spur gears, 85-13081

### Anderson, T. W. (Thomas Warren), 1940-

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona /, 85-12751

Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750

### Andreasen, Gordon E., 1924-

Report on mineral resources geophysics program for Egypt, 85-12838

### ARC Associates.

Mathematics learning styles of Chinese immigrant students : final research report /, 85-12445

### Archive of Folk Culture (U.S.)

Washington field recordings in the Archive of Folk Culture., 85-13018

### Archive of Folk Song (U.S.)

A Brief list of material relating to the music of Morocco., 85-13017

**Argonne National Laboratory.**

Characterization of nuclear reactor containment penetrations /, 85-13735

Sunnyside combined hydrocarbon lease conversion : socioeconomic technical report /, 85-12960

Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746

**Arimilli, Rao V.**

Measurement of local connective heat transfer coefficients of four ice accretion shapes, 85-13397

**Arizona, Dept. of Water Resources.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona /, 85-12751

Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750

**Arizona State University.**

An experimental investigation of gas jets in confined swirling air flow /, 85-13141

**Arizona State University, Dept. of Geology.**

Feasibility study to conduct windblown sediment experiments aboard a space station, 85-13454

Martian surface properties, 85-13223

**Armstrong, Michael H., 1937-**

South Asia and U.S. foreign policy : December 12, 1984., 85-13521

Strength and diplomacy : toward a new consensus?, 85-13523

**Army Aeromedical Center (U.S.)**

Student handout : noise in Army aviation, 23-4507-1, 34-4507-1, 35-4507-1, 68-4507-1, 76-4507-1, 5/69-4507-2., 85-12309

**Army ROTC Basic Camp (Ky.)**

Passport to a challenge., 85-12235

**Arora, H.**

Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737

**Aspen Systems Corporation.**

Expanding knowledge in criminal justice : publications of the National Institute of Justice, cumulative supplement 1978-1982 /, 85-13004

Forensics : when science bears witness., 85-12988

**Association for the Study of Higher Education.**

Public service in higher education : practices and priorities /, 85-12460

**Ast, D. G.**

Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material, 85-13342

**Astro Research Corporation.**

Hinge specification for a square-faceted tetrahedral truss, 85-13189

**Atlanta University.**

Construction of finite difference schemes having special properties for ordinary and partial differential equations, 85-13311

**Atwal, Mahabir.**

Noise path identification using face-to-face and side-by-side microphone arrangements, 85-13299

**Auchmoody, L. R.**

Black cherry site index curves for the Allegheny Plateau /, 85-11900

**Autosafety Engineering Corporation.**

Estimation of the weight and consumer price of late model vehicle components relating to the implementation of Federal motor vehicle standards 108, 202, 204, and 214 /, 85-13629

**Averill, Robert D., 1932-**

Thermoelectric temperature control system for the Pushbroom Microwave Radiometer (PBM), 85-13098

**Aviation Fuel Conservation Symposium**

(1984 : Washington, D.C.)

Aviation Fuel Conservation Symposium : September 10-11, 1984 /, 85-13607

**Aydelott, John C.**

On-orbit cryogenic fluid transfer, 85-13063

**B****Bachrach, Christine A.**

Use of contraception in the United States, 1982 /, 85-12689

**Back, Susan M., 1948-**

Factors critical to the implementation of self-paced instruction : a background review /, 85-12411

Self-paced instruction : factors critical to implementation in Air Force technical training : a preliminary inquiry /, 85-12410

**Baer, Ferdinand.**

Land-surface influences on weather and climate, 85-13271

**Baganoff, Donald.**

Study of the mapping of Navier-Stokes algorithms onto multiple-instruction/

multiple-data-stream computers, 85-13108

**Bailey, L. F.**

The Lanczos-preconditioned, folded skin (sin x)/x interpolator, 85-12832

**Bainum, Peter M.**

The Dynamics and control of large flexible space structures-VI, 85-13363

**Bakalyar, Donovan M.**

Shot noise limited detection of OH using the technique of laser induced fluorescence, 85-13453

**Baker, A. J., 1936-**

Progress on a generalized coordinates tensor product finite element 3DPNS algorithm for subsonic flow, 85-13182

**Baker, Jolene K.**

A review of supercritical fluid extraction /, 85-12087

**Balay, Richard H.**

Computer program directory for petroleum assessment of wilderness lands in the western United States, 85-12833

**Bales, Kay S.**

Structures and Dynamics Division, 85-13100

**Ball Corporation, Aerospace Systems****Division.**

Autonomous omnidirectional spacecraft antenna system, 85-13406

**Ball, V. Eldon.**

Measuring agricultural productivity : a new look /, 85-11992

**Baptist College at Charleston.**

Paraprofessional Rurally Oriented Family Home Health Training Program.

An instructor resource guide for teaching a course in health promotion seminar /, 85-12447

**Barlow, Esther M.**

Annotated bibliography of the Air Force Human Resources Laboratory technical publications, 1981 /, 85-12408

**Baron, S.**

F-14 modeling study, 85-13199

**Barr, G. L.**

Potentiometric surface of the Floridan aquifer Southwest Florida Water Management District, September 1983, 85-12821

**Barth, Delbert S.**

Soil sampling quality assurance user's guide /, 85-12501

**Barth, Timothy J.**

An efficient approximate factorization implicit scheme for the equations of gas-dynamics, 85-13110

**Bartlett, David S.**

Global biology research program: biogeochemical processes in wetlands: report of a workshop conducted at Arlington, Virginia, March 22-24, 1983 /, 85-13457

**Battelle Memorial Institute. Columbus Laboratories.**

Correlation of concrete tie track performance in revenue service and at the facility for accelerated service testing, 85-13604

**Baum, B.**

Investigation of test methods, material properties, and processes for solar cell encapsulants, 85-13336

**Baviello, Mary Ann.**

Status of dry  $SO_2$  control systems: fall 1983 /, 85-12513

**Bavuso, S. J.**

CARE III model overview and user's guide, 85-13095

**Baylor College of Medicine. Dept. of Medicine.**

A study of stress-free living bone and its application to space flight, 85-13176

**Baylor College of Medicine. Division of Plastic Surgery.**

A study of stress-free living bone and its application to space flight, 85-13176

**Beach, John.**

Factors affecting supply, demand, and prices of U.S. rice /, 85-12000

**Beatty, Jerome S.**

An aid to identifying aspen diseases frequently encountered in the Rocky Mountains /, 85-11950

**Bedinger, M. S.**

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Nevada /, 85-12775

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Utah /, 85-12785

Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750

Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769

Maps showing ground-water units and withdrawal, basin and range province, Southern California /, 85-12759

Maps showing ground-water units and withdrawal, basin and range province, Texas /, 85-12781

Maps showing ground-water units and withdrawal, basin and range province, Utah /, 85-12784

**Beggs, James M.**

Space station: the next logical step /, 85-13032

**Behl, Yugal K.**

Speed-dependent collision effects on radar back-scattering from the ionosphere, 85-13204

**Behm, Karen.**

Influences on secondary and postsecondary vocational-technical student time on task /, 85-12430

**Belval, Donna A.**

Maps showing natural aggregates of the conterminous United States, 85-12819

**Bendahmane, Diane B.**

Science, technology, and foreign affairs /, 85-13524

**Bendix Corporation. Guidance Systems Division.**

Modular design attitude control system, 85-13432

**Benson, R. C.**

Combustion modification tests on a sub-scale cement kiln for  $NO_x$  reduction /, 85-12508

Evaluation of natural- and forced-draft staging air systems for nitric oxide reduction in refinery process heaters /, 85-12510

**Benson, Robert F.**

Field-aligned electron density irregularities near 500 KM - equator to polar cap topside sounder Z mode observations, 85-13118

**Berenson, Robert A.**

Intensive care units (ICUs): clinical outcomes, costs, and decisionmaking /, 85-13751

**Berger, Jon.**

High precision measurements in crustal dynamic studies, 85-13287

**Berggren, R. G.**

Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay /, 85-13739

**Bergland, Eric O.**

Summary prehistory and ethnography of Olympic National Park, Washington /, 85-12946

**Bernhard, Robert, 1952-**

Noise path identification using face-to-face and side-by-side microphone arrangements, 85-13299

**Bernier, Bernard A.**

Popular names of U.S. Government reports: a catalog /, 85-13022

**Bethel, Helen.**

Distribution of psychiatric beds, United States and each state, 1982 /, 85-12712

**Betters, David R.**

Demand for commercially delivered domestic fuelwood in Colorado, 1980 /, 85-11925

**Bhagat, Pramode K.**

Development of limb volume measuring system, 85-13177

**Bhat, Rama B.**

An implementation of the programming structural synthesis system (PROSS), 85-13043

**Biotechnology, inc.**

Task analysis of nuclear power plant control room crews /, 85-13725

**Birch & Davis Associates.**

Developing childhood injury prevention programs: an administrative guide for state maternal and child health (Title V) programs /, 85-12716

**Birdsall, Earl T.**

A simple model for estimating total and merchantable tree heights /, 85-11916

**Biringen, Sedat.**

Transition to turbulence in plane channel flow, 85-13209

**Birnie, Richard W.**

Investigation of forestry resources and other remote sensing data, 85-13419

**Black, Joseph D.**

An analytical method to predict efficiency of aircraft gearboxes, 85-13074

**Blackmon, Paul D.**

The mid-Cretaceous frontier formation near the Moxa arch, southwestern Wyoming /, 85-12745

**Blaisdell, Fred W., 1911-**

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

**Blatner, Keith A.**

Wood shipments to Puerto Rico /, 85-11911

**Block, P. J. W.**

Analysis of noise measured from a propeller in a wake /, 85-13464

- Blum, Charles.**  
Final report of the Haitian/English language project /, 85-12450
- Blumenfeld, Phyllis.**  
Socialization into the student role : final report /, 85-12476
- Boaz, Wilson J.**  
Numeric and fluid dynamic representation of tornadic double vortex thunderstorms, 85-13164
- Bodziak, William J.**  
Shoe and tire impression evidence /, 85-12997
- Boeing Aerospace Company.**  
Space station needs; attributes, and architectural options study, 85-13294, 85-13302, 85-13309
- Boeing Commercial Airplane Company.**  
Advanced composite elevator for Boeing 727 aircraft, 85-13137  
Integrated application of active controls (IAAC) technology to an advanced subsonic transport project, 85-13138  
MLS/airplane system design, 85-13200
- Boeing Military Airplane Company.**  
PAN AIR, a computer program for predicting subsonic or supersonic linear potential flows about arbitrary configurations using a higher order panel method, 85-13136
- Bolt, Beranek, and Newman, Inc.**  
F-14 modeling study, 85-13199  
Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452  
The VERRUN and VERNAL software systems for steady-state visual evoked experimentation, 85-13197
- Borghese, J. V.**  
Hydrology of a surface coal mined area in Randolph County, Illinois /, 85-12793
- Boslough, Mark B.**  
A sensitive optical pyrometer for shock-temperature measurements, 85-13274
- Bowie State College.**  
Annual report to National Aeronautics and Space Administration for characterization of physio-chemical properties of polymeric and electrochemical materials for aerospace flight, 85-13438
- Bowyer, J. M.**  
The kinematic stirling engine as an energy conversion subsystem for paraboloidal dish solar thermal power plants, 85-13313
- Brackenbush, L. W.**  
Neutron dosimetry at commercial nuclear plants : final report of subtask C, <sup>2</sup>He neutron spectrometer /, 85-13730
- Bradley, Dennis P.**  
A new look at red pine financial returns in the Lake States /, 85-11897
- Bradner, L. A.**  
Potentiometric surface of the Floridan aquifer in central Sumter County, Florida, May 1983, 85-12818
- Bradt, R. C. (Richard Carl), 1938-**  
The impact resistance of SiC and other mechanical properties of SiC and Si<sub>3</sub>N<sub>4</sub>, 85-13146
- Brady, Bruce T.**  
Maps showing ground-water levels, springs, and depth to ground water, basin and range province, New Mexico /, 85-12770, 85-12782  
Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769  
Maps showing ground-water units and withdrawal, basin and range province, Texas /, 85-12781
- Brainin, Jack.**  
Management of CAD/CAM information, 85-13124
- Brand, Donald A.**  
An X-ray screening protocol for extremity injuries /, 85-12692
- Bransford, J. W. (James W.)**  
Laser-initiated combustion studies on metallic alloys in pressurized oxygen /, 85-12089
- Brenner, Richard C.**  
Design information on rotating biological contactors /, 85-12490
- Breton, Theodore R.**  
Computer analysis of effects of altering jet fuel properties on refinery costs and yields, 85-13392
- Brinson, H. F.**  
Nonlinear viscoelastic characterization of structural adhesives, 85-13193
- Brookhaven National Laboratory.**  
CONTEMPT4/MOD5 : an improvement to CONTEMPT4/MOD4 multicompartiment containment system analysis program for ice containment analysis /, 85-13744  
National Synchrotron Light Source /, 85-12415  
Workshop proceedings : approaches for improving the assessment of human genetic risk : human biomonitoring, December 13-15, 1982, Washington, DC /, 85-12485
- Brookhaven National Laboratory. Dept. of Nuclear Energy.**  
Alternative containers for low-level wastes containing large amounts of tritium /, 85-13741  
Characterization of the low-level radioactive wastes and waste packages of the General Electric Vallecitos Nuclear Center : final report /, 85-13736
- Brookhaven National Laboratory. Nuclear Waste Management Division.**  
Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737
- Brown and Caldwell.**  
Residential water conservation projects : summary report /, 85-12724
- Brown, Carolyn Jo.**  
Digital techniques : module 10005., 85-12378
- Brown, Chris W.**  
In situ analysis of corrosive and passive surfaces by laser-excited Raman spectroscopy /, 85-12493
- Brown, David P. (David Phillip), 1947-**  
Water resources and data-network assessment of the Manasota Basin, Manatee and Sarasota Counties, Florida /, 85-12748
- Brown, Kenneth Warren, 1939-**  
Use of short-term bioassays to evaluate environmental impact of land treatment of hazardous industrial waste /, 85-12494
- Brown, Lou, 1939-**  
Teaching severely handicapped students to perform meaningful work in non-sheltered vocational environments : draft /, 85-12455
- Brown, Mary Therese.**  
Cross-references within the Internal Revenue Code of 1954 as of January 3, 1985 /, 85-13693
- Brown, R. R. (Robert R.)**  
High-temperature relative enthalpies of CuBr /, 85-12907
- Brownfield, M. E.**  
Geologic map and coal sections of the Pine Ridge quadrangle, Moffat County, Colorado, 85-12817
- Bryant, J. A. (James A.), 1938-**  
Performance of the Lester battery charger in electric vehicles, 85-13315
- Buchmann, Margret.**  
The use of research knowledge in teacher education and teaching /, 85-12473

**Buckles, David R.**

Quality of ground water in agricultural areas of the San Luis Valley, South-Central Colorado /, 85-12788

**Buckley, Donald H.**

Interaction of sulfuric acid corrosion and mechanical wear of iron, 85-13075

**Buennagel, L. A.**

Satellite Emission Range Inferred Earth Survey (SERIES) project, 85-13317

**Bump, T. R.**

Characterization of nuclear reactor containment penetrations /, 85-13735

**Bundas, David J.**

Flutter and forced response of mistuned rotors using standing wave analysis, 85-13261

**Bunge, Frederica M.**

Philippines, a country study /, 85-12273

**Buracker, Carroll D.**

Automated fingerprint identification : regional application of technology /, 85-12994

**Burfisher, Mary E.**

Cameroon : an export market profile /, 85-11981

**Burggraf, O. R.**

Interacting boundary-layer solutions for laminar separated flow past airfoils, 85-13195

**Burgy, D.**

Task analysis of nuclear power plant control room crews /, 85-13725

**Burlaga, L. F.**

Large-scale interplanetary magnetic fields, 85-13116

**Burner, Alpheus W.**

Video model deformation system for the national transonic facility, 85-13092

**Burns, Arthur F. (Arthur Frank), 1904-**

Reflections on East-West Relations : November 27, 1984., 85-13517

**Burns, J. Gail.**

Summary of trade and tariff information : body-supporting garments : TSUS items 376.04-376.28., 85-12971

**Burns, M. A.**

A comparative study of linear array synthesis technique using a personal computer /, 85-12362

**Business and Technological Systems, Inc.**

A compilation of mineral occurrences and the relationship of occurrences to structural elements of the Kentucky and Tennessee region, 85-13411

Potential utility of future satellite magnetic field data, 85-13409

**Butler, Ricky W.**

The Semi-Markov Unreliability Range Evaluator (SURE) program, 85-13126

**Buzzard, Robert J.**

Mode II fatigue crack growth specimen development, 85-13078

**Byers, Rupert K.**

Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures /, 85-13733

**C**

**Cable, Danny C.**

Apprentice operations systems management specialist (AFSC 27132) /, 85-12385

**Cafferata, Gail Lee.**

Private health insurance coverage of the medicare population., 85-12694

**California. Air Resources Board.**

Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231

**California. Division of Mines and Geology.**

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Southern California /, 85-12764

Map showing outcrops of pre-quaternary ash-flow tuffs, basin and range province, Southern California /, 85-12763

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Southern California /, 85-12762

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, northern California /, 85-12758, 85-12761

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Southern California /, 85-12760

Maps showing ground-water units and withdrawal, basin and range province, Southern California /, 85-12759

Maps showing ground-water units and withdrawal, ground-water levels, springs, and depth to ground waters, basin and range province, Northern California /, 85-12757

**California Institute of Technology.**

Orbiting dynamic compression laboratory, 85-13296

**California State University Foundation.**

Research in effective teaching of writing : phase I : final report /, 85-12453

**Callery, Douglas J.**

Space communications systems equipment operator/specialist (AFSC 30456) /, 85-12388

**Calspan Corporation. Advanced Technology Center.**

An Evaluation of methods to investigate truck tire wet traction /, 85-13634

**Camp, Allen L.**

X-ray measurements of water fog density /, 85-13719

**Campbell, R. B.**

Process research of non-CZ silicon material, 85-13344

**Campbell, Roy Harold.**

The Embedded operating system project, 85-13239

**Canada/United States Spruce Budworms Program.**

Proceedings : new and improved techniques for monitoring and evaluating spruce budworm populations : September 13-15, 1983, Holiday Inn, Burlington, VT /, 85-11938

**Cannon, Robert H.**

Experiments in control of flexible structures with noncolocated sensors and actuators, 85-13423

**Capital Systems Group, inc.**

Family planning grantees, delegates & clinics., 85-12687

**Carnevale, Anthony Patrick.**

A society based on work /, 85-12432

**Caro, Paul W.**

Training effectiveness evaluation and utilization demonstration of a low cost cockpit procedures trainer /, 85-12339

**Carpenter, B. H.**

Toxicity treatability of iron and steel plant wastewaters : a resource document /, 85-12495

**Carr, M. H. (Michael H.)**

The Geology of the terrestrial planets /, 85-13134

**Carr, Robert E.**

Facilities for meteorological research at the NASA Goddard/Wallops Flight Facility, 85-13083

**Carrara, Paul E.**

Geologic map of Dinosaur National Monument and vicinity, Utah and Colorado /, 85-12888

**Carraway, Preston I.**

Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers, 85-13241

- Carroll, William F.**  
Research on the use of space resources, 85-13236
- Carter, Constance.**  
Scientific and technical libraries : administration and management /, 85-13026
- Carter, W. A.**  
Combustion modification tests on a sub-scale cement kiln for NOx reduction /, 85-12508
- Case Western Reserve University.**  
The transient oxidation of single crystal NiAlZr /, 85-13403
- Case Western Reserve University. Dept. of Electrical Engineering and Applied Physics.**  
Millimeter wave transmission systems and related devices, 85-13245
- Castle, K. R.**  
In-flight absolute radiometric calibration of the thematic mapper, 85-13382
- Cazier, F. W.**  
Ground vibration test of F-16 airplane with initial decoupler pylon /, 85-13125
- Center for Building Technology.**  
Interim design guidelines for automated offices /, 85-12088
- Center for Devices and Radiological Health (U.S.)**  
Recommendations for quality assurance programs in nuclear medicine facilities /, 85-12686
- Center for Disease Control. Bureau of Epidemiology.**  
Health information for international travel., 85-12698
- Center for Disease Control. Quarantine Division.**  
Health information for international travel., 85-12698
- Center for Drugs and Biologics (U.S.). Medical Library.**  
Center for Drugs and Biologics Medical Library., 85-12684
- Center for Environmental Assessment Services (U.S.)**  
Climate impact assessment. Foreign countries ... annual summary., 85-12103, 85-12104
- Center for Health Promotion and Education (U.S.)**  
Community health education resources., 85-12706
- Center for Prevention Services (U.S.). Quarantine Division.**  
Health information for international travel., 85-12698
- Center for the Study of Foreign Affairs (U.S.)**  
Science, technology, and foreign affairs /, 85-13524
- Center for the Utilization of Federal Technology (U.S.)**  
Catalog of government patents /, 85-12096
- Center of Military History.**  
Advice and support., 85-12335
- Centers for Disease Control (U.S.)**  
Conducting an initial assessment : feedback for criterion test., 85-12705  
Conducting surveillance of infections : criterion test., 85-12703  
Current awareness in patient education., 85-12700  
Current awareness in school health education., 85-12701  
Descriptive statistics : tables, graphs, & charts /, 85-12696  
Investigating infection problems : criterion test., 85-12704  
Management skills for infection control nurses, March 4-15, 1985, Centers for Disease Control, Atlanta, Georgia., 85-12697  
VD interchange., 85-12702
- Centers for Disease Control (U.S.). Center for Professional Development & Training.**  
Principles of epidemiology : principles of epidemiology homestudy course 3030-G., 85-12699
- Century Computing, Incorporated.**  
Considerations on command and response language features for a network of heterogeneous autonomous computers, 85-13117
- Cernansky, N. P.**  
Combustion characteristics in the transition region of liquid fuel sprays, 85-13430
- Chakrabarti, Supriya.**  
A Study of the atmosphere and ionosphere using satellite observations of 300-1400 A airglow, 85-13206
- Chalker, Edsel O.**  
Leadership education I /, 85-12381
- Chamis, C. C. (Christos C.)**  
Dynamic stress analysis of smooth and notched fiber composite flexural specimens, 85-13065  
Simplified composite micromechanics equations for strength, fracture toughness, impact resistance and environmental effects, 85-13066
- Chance, J. E.**  
Final technical report, 85-13387
- Chang, Li Ko.**  
Application of an optimization method to high performance propeller designs, 85-13072
- Chang, Sin-Chung.**  
A semi-direct procedure using a local relaxation factor and its application to an internal flow problem, 85-13068
- Chang, T. Y., 1936-**  
A computer program for predicting nonlinear uniaxial material responses using viscoplastic models, 85-13060
- Chanute Air Force Base. 3360 Technical Training Group (ATC)**  
Defensive system trainer specialist (AFSC 34152) /, 85-12393
- Chapman, Gary T.**  
Nonlinear problems in flight dynamics, 85-13107
- Chappell, Richard.**  
Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, northern California /, 85-12758, 85-12766, 85-12771
- Charles Stark Draper Laboratory.**  
Development and evaluation of a fault-tolerant multiprocessor (FTMP) computer, 85-13194
- Chassay, R.**  
Space Processing Applications Rocket project, 85-13035
- Chato, J. C.**  
Optimization of cooled shields in insulations, 85-13153
- Chaturvedi, Sushil K.**  
An analytical design procedure for the determination of effective leading edge extensions on thick delta wings, 85-13429  
An investigation of aerodynamic characteristics of wings having vortex flow using different numerical codes, 85-13272
- Chen, I. Y.**  
Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746
- Cheney, James L.**  
Miniature acid-condensation system : design and operation /, 85-12498
- Chenzoff, Andrew P.**  
Analysis to improve the maintenance environment : a view from active-duty missile maintenance personnel /, 85-12409

- Chichester, F. D.**  
Modular design attitude control system, 85-13432
- Chie, C. M.**  
Satellite data transmission (SDT) requirement, 85-13410
- Choi, I.**  
The mechanics of delamination in fiber-reinforced composite materials, 85-13188
- Chojnacki, David C.**  
Volume and biomass for curlleaf cercocarpus in Nevada /, 85-11896
- Chovil, D. V.**  
Advanced composite elevator for Boeing 727 aircraft, 85-13137
- Christensen, L. A. (Lee A.), 1938-**  
Use and cost of soil conservation and water quality practices in the Southeast /, 85-11984
- Christner, L.**  
Full scale phosphoric acid-fuel cell stack technology development, 85-13394
- Chrysler Corporation. Electronics Products Division. Michoud Engineering Office.**  
Pretest plan for a quarter scale aft segment of the SRB filament wound case in the NSWC Hydroballistics Facility, 85-13168
- Chu, T.-Y. J.**  
Report on large scale molten core/magnesia interaction test /, 85-13727
- Ciesla, William M.**  
Panoramic aerial photography for assessing foliage protection achieved by aerial sprays directed against the gypsy moth., 85-11879
- City University of New York. City College. Institute of Marine and Atmospheric Sciences.**  
A Monte Carlo comparison of the recovery of winds near upwind and downwind from the SASS-1 model function by means of the sum of squares algorithm and a maximum likelihood estimator /, 85-13143
- Civil Aeromedical Institute.**  
Studies of poststrike air traffic control specialist trainees : I. age, biographic factors, and selection test performance related to academy training success /, 85-13618
- Civinskas, Kestutis C.**  
Application of a quasi-3D inviscid flow and boundary layer analysis to the hub-shroud contouring of a radial turbine, 85-13055
- Clark, Christopher M.**  
Self-reports of teacher judgment /, 85-12474
- Cliff, E. M.**  
Optimal symmetric flight with an intermediate vehicle model, 85-13211
- Clinton, James H.**  
Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737
- Clough, Roger L. (Roger Lee), 1949-**  
Heterogeneous oxidative degradation in irradiated polymers /, 85-13731
- Clutter, Jerome L., 1934-**  
Stand structure and yields of site-prepared loblolly pine plantations in the lower Coastal plain of the Carolinas, Georgia, and north Florida /, 85-11943
- Cochran, P. H.**  
Biomass estimators for thinned second-growth ponderosa pine trees /, 85-11921
- Cohen, David, 1949-**  
Residual stresses in cross-ply composite tubes, 85-13252
- Colaica, Mario A.**  
An investigation into the injection molding of PMR-15 polyimide, 85-13256
- Cole, Randall K.**  
CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions /, 85-13738
- Collier, Malcolm.**  
Nonverbal factors in the education of Chinese American children : a film study /, 85-12470
- Collins, Timothy.**  
Common sense electrical safety : electrical hazards, reference text /, 85-12906
- Colson, W. B.**  
"Long range coherence in free electron lasers", 85-13285
- Colyer, Kenny D.**  
Diet therapy specialist (AFSC 62251) /, 85-12400
- Comfort, Richard H.**  
Plasma and magnetospheric research, 85-13170
- Computational Mechanics Consultants.**  
Progress on a generalized coordinates tensor product finite element 3DPNS algorithm for subsonic flow, 85-13182
- Computer Sciences Corporation.**  
Computer generated animation and movie production at LARC, 85-13202
- Vector wind gust model, 85-13169
- Connecticut.**  
7.5 minute series (topographic) : [Connecticut]. 41072-D6-TF-024, Durham quadrangle, Connecticut, 1964 /, 85-12860
- 7.5 minute series (topographic) : [Connecticut]. 41072-E8-TF-024, Southington quadrangle, Connecticut, 1968 /, 85-12861
- 7.5 minute series (topographic) : [Connecticut]. 41073-C3-TF-024, Botsford quadrangle, Connecticut - Fairfield Co., 1969 /, 85-12862
- 7.5 minute series (topographic) : [Connecticut]. 41073-G 3-TF-024, Cornwall quadrangle, Connecticut - Litchfield Co., 1956 /, 85-12863, 85-12864
- Connecticut. Bureau of Highways.**  
7.5 minute series (topographic) : [Connecticut]. 41072-D6-TF-024, Durham quadrangle, Connecticut, 1964 /, 85-12860
- 7.5 minute series (topographic) : [Connecticut]. 41072-E8-TF-024, Southington quadrangle, Connecticut, 1968 /, 85-12861
- 7.5 minute series (topographic) : [Connecticut]. 41073-C3-TF-024, Botsford quadrangle, Connecticut - Fairfield Co., 1969 /, 85-12862
- 7.5 minute series (topographic) : [Connecticut]. 41073-G 3-TF-024, Cornwall quadrangle, Connecticut - Litchfield Co., 1956 /, 85-12863, 85-12864
- Connecticut. Dept. of Environmental Protection.**  
7.5 minute series (topographic) : [Connecticut]. 41071-C8-TF-024, Mystic quadrangle, Connecticut - New York - Rhode Island /, 85-12859
- Connell, J. R.**  
Numeric and fluid dynamic representation of tornadic double vortex thunderstorms, 85-13164
- Connor, Jon J. (Jerome J.)**  
Factor analysis of the chemistry of Spanish moss /, 85-12743
- Conroy, Martin J., 1929-**  
Test results for 27.5-to 30-GHz communications satellite receivers, 85-13054
- Considine, Thomas J.**  
An analysis of New York's timber resources /, 85-11931
- Consortium on Trade Research (7th : 1983 : Ottawa, Ont.)**  
Consortium on Trade Research : agricultural trade policy issues in the eighties, current research, and long-term forecasting., 85-11994

**Construction Engineering Research Laboratory.**

Effects of tracked vehicle activity on higher vertebrate populations at Army installations /, 85-12329

**Control Data Corporation.**

Tabulation of ozonesonde data : 1963-1980 /, 85-13390

**Cooke, Marcus, 1943-**

Candidate sampling and analysis methods for 21 suspect carcinogens in combustion emissions /, 85-12509

Study of the effectiveness of a catalytic combustion device on a wood burning appliance /, 85-12504

**Cooper, Larry P. (Larry Phillip), 1950-**

Propulsion issues for advanced orbit transfer vehicles, 85-13049

**Cooperative Institutional Research Program (U.S.)**

The American freshman : national norms for fall 1983 /, 85-12457

**Cooperative Park Studies Unit (Moscow, Idaho)**

Craters of the Moon National Monument vegetation type map /, 85-12949

**Copa, George H.**

Vocational education and youth employment /, 85-12440

**Cornell University. Dept. of Materials Science and Engineering.**

Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material, 85-13342

**Corwin W. R.**

Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay /, 85-13739

**Cosentino, Gary B.**

Numerical optimization design of advanced transonic wing configurations, 85-13109

**Costello, Daniel J., 1942-**

"An extended d(min) = 4 RS code", 85-13282

Cut-off rate calculations for the outer channel in a concatenated coding system, 85-13278

Fast decoding of a d(min) = 6 RS code, 85-13283

"Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes", 85-13281

"On the undetected error probability of a concatenated coding scheme for error control", 85-13279

Performance analysis of the word synchronization properties of the outer code in a TDRSS decoder, 85-13257

Reed Solomon codes for error control in byte organized computer memory systems : final report, phase II, 85-13359

**Council for Research Planning in Biological Sciences.**

Workshop proceedings : approaches for improving the assessment of human genetic risk : human biomonitoring, December 13-15, 1982, Washington, DC /, 85-12485

**Council of Economic Advisers (U.S.).**

Annual economic review., 85-13496

Annual report of the Council of Economic Advisers., 85-13496, 85-13681

Economic report of the President transmitted to the Congress., 85-13496, 85-13681

Midyear economic report., 85-13496

**Cowls, R. S.**

Space station needs, attributes, and architectural options, 85-13291

**Craft, C. M. (Charles M.)**

An assessment of terminal blocks in the nuclear power industry /, 85-13732

**Cragin, James H.**

Baseline acidity of ancient precipitation from the South Pole /, 85-12325

**Crane, M. F. (Marilyn F.)**

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

**Crawley, Alfred B.**

The use of fly ash in highway construction /, 85-13600

**Cressey, S. C. (Saville Cyrus), 1917-**

The Schultze Granite, the Tea Cup Granodiorite, and the Granite Basin Porphyry : a geochemical comparison of mineralized and unmineralized stocks in southern Arizona /, 85-12746

**Crosson, Patricia H.**

Public service in higher education : practices and priorities /, 85-12460

**Crouch, Thomas M.**

Water-resources appraisal of the upper Arkansas River basin from Leadville to Pueblo, Colorado /, 85-12749

**Crovelli, Robert A.**

Computer program directory for petroleum assessment of wilderness lands in the western United States, 85-12833

**Cruikshank, Dale P.**

The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445

**CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping (1983 : Monterey, Calif.)**

Proceedings of the CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping : held at Monterey, California, September 1-2, 1983., 85-13747

**Culik, Jerry.**

Process research in polycrystalline silicon material (PROPSM), 85-13340

Process research on polycrystalline silicon material (PROPSM), 85-13339

**Cunningham, K. I.**

Wells drilled for oil and gas deeper than 15,000 feet in the conterminous United States and offshore, 85-12822

Wells drilled for oil and gas deeper than 15,000 feet in the conterminous United States and offshore, 85-12823

**Curry, Thomas F.**

Improving your navy reading skills /, 85-12345

**D****Dadone, A.**

Three-dimensional implicit lambda methods, 85-13186

**Dam, Kenneth W.**

Geneva and beyond : new arms control negotiations : January 14, 1984., 85-13522

**Damle, Ashok.**

Collection efficiency evaluation of mercury-trapping media for the SASS train impinger system /, 85-12515

**Darkazalli, Ghazi.**

Solar photovoltaic powered refrigerators/freezers for medical use in remote geographic locations, 85-13159

**Das, R.**

Effects of voltage control in utility interactive dispersed storage and generation systems, 85-13318

**Davenport, Edgar L.**

Forest statistics for the northern coastal plain of North Carolina, 1984 /, 85-11933

**Davidson, F. (Frederick M.), 1941-**

Dye laser traveling wave amplifier, 85-13408

**Davis, Tommie F.**

Digital techniques : module 10005., 85-12378

**Day, Thomas A.**

Craters of the Moon National Monument vegetation type map /, 85-12949

**Dayal, R.**

Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737

**Dayhoff, Margaret O.**

Investigation of compounds essential for the origin of life, 85-13250

**Daywitt, William C.**

A preliminary investigation into using the sun as a source for G/T measurements /, 85-12090

**Deadmore, Daniel L.**

In-situ measurements of alloy oxidation/corrosion/erosion using a video camera and proximity sensor with microcomputer control, 85-13058

**Deaton, J. Larry.**

Longrun changes in world food supply and demand : implications for development assistance policy /, 85-11987

**DeByle, Norbert V.**

Streamflow summaries from twelve tributaries of Farmington Creek, Davis County Experimental Watershed, northern Utah /, 85-11937

**Dechaumphai, Pramote.**

Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300

**Decision Science Consortium, Inc.**

Recreational boating safety : analysis for programmatic decisions /, 85-13622

**Defense Information School.**

Handbook for stringers in the Armed Forces /, 85-12141

**Defense Intelligence School (U.S.).**

Academic catalog., 85-12143

Catalog /, 85-12143

**Defense Language Institute (U.S.). English Language Center.**

American language course., 85-12128

**Defense Logistics Services Center (U.S.).**

Defense Integrated Data System DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids., 85-12224

Defense Integrated Data System DIDS procedures manual. Vol. 11, Edit/validation criteria., 85-12225

Defense Integrated Data System DIDS procedures manual. Vol. 13, Materiel management decision rule tables., 85-12226

Defense Integrated Data System DIDS procedures manual. Vol. 14, Reports and statistics., 85-12227

Defense Integrated Data System DIDS procedures manual. Vol. 16, Remote terminal system., 85-12228

**DeJong, William, 1950-**

Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes., 85-13005

**DeLombard, Richard.**

Low-frequency switching voltage regulators for terrestrial photovoltaic systems, 85-13050

**DeLong, Carl F.**

F-100 jet engine mechanic (AFSC 42654) /, 85-12398

**Deng, Huijie.**

"An extended d(min) = 4 RS code", 85-13282

Fast decoding of a d(min) = 6 RS code, 85-13283

"Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes", 85-13281

"On the undetected error probability of a concatenated coding scheme for error control", 85-13279

**Denver Regional Council of Governments.**

Analysis of urban storm-runoff data and the effects on the South Platte River, Denver metropolitan area, Colorado /, 85-12791

**Denver Research Institute.**

Factors critical to the implementation of self-paced instruction : a background review /, 85-12411

Self-paced instruction : factors critical to implementation in Air Force technical training : a preliminary inquiry /, 85-12410

**Denver Wildlife Research Center.**

Histoplasmosis and its relation to bird roosts : a review /, 85-12952

**Derr, V. E. (Vernon Ellsworth), 1921-**

Atmospheric handbook : atmospheric data tables available on computer tape /, 85-12102

**Detra, D. E.**

Geology, geochemistry, and mineral resource potential of the Eighteenmile Wilderness study area p (ID-43-3), Lemhi County, Idaho, 85-12834

**Deutsch, Steven.**

The boundary layer on compressor cascade blades, 85-13244

**DeVincenzi, Donald L.**

Publications of the Exobiology Program for 1983 : a special bibliography /, 85-13128

**DeWalle, Foppe B.**

Removal of giardia lamblia cysts by drinking water treatment plants /, 85-12487

**Dickey, D. D.**

Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah, 85-12812

**Dickinson, Kendall A., 1931-**

Summary of radiometric anomalies in Alaska, 85-12806

**Dillon-Townes, Lawrence A.**

Thermoelectric temperature control system for the Pushbroom Microwave Radiometer (PBM), 85-13098

**Diodato, Louis.**

A trend study of high school offerings and enrollments : 1972-73 and 1981-92 /, 85-12442

**DiPrima, Richard C.**

Complex eigenvalues for the stability of couette flow, 85-13179

**Diversified Technical Services, Inc.**

Aeromagnetic map of the Craig area, Alaska, 85-12842

Aeromagnetic map of the San Francisco Peaks area, Arizona, 85-12831

**Doherty, Mary Austin.**

Careering after college : establishing the validity of abilities learned in college for later careering and professional performance : final report to the National Institute of Education : overview and summary /, 85-12458

**Donnelly, K. C.**

Use of short-term bioassays to evaluate environmental impact of land treatment of hazardous industrial waste /, 85-12494

**Donoghue, Linda R.**

The legal system, the U.S. Forest Service, and human-caused wild fires /, 85-11898

**Donovan, R. M.**

Space station propulsion analysis study, 85-13073

**Dooling, Oscar J.**

Lodgepole pine dwarf mistletoe /, 85-11890

**Dowdy, R. H.**

Effects of sewage sludge on corn silage and animal products /, 85-12488

**Dowless, W. A.**

Senate manual containing the standing rules, orders, laws, and resolutions affecting the business of the United States Senate : Articles of Confederation and the Constitution of the United States /, 85-13659

**Doychak, Joseph K.**  
The transient oxidation of single crystal  
NiAlZr /, 85-13403

**Dozier, Jeff.**  
Landsat-D investigations in snow hydrology, 85-13368

**Drexel University, Dept. of Mechanical Engineering & Mechanics.**  
Combustion characteristics in the transition region of liquid fuel sprays, 85-13430

**Driscoll, Amy.**  
Applying research to teacher education : the University of Utah's collaborative approach, first year preliminary report /, 85-12467

**Dryden Flight Research Facility.**  
Evaluation of HiMAT aircraft landing approach lateral control gearing using simulation and a visual display, 85-13085

**Dryden Flight Research Facility.**  
Optimal cooperative control synthesis applied to a control-configured aircraft, 85-13162

**DuBard, J. L.**  
Studies of particulate removal from diesel exhaust /, 85-12503

**Dudley, Michael R.**  
Effect of boattail geometry on the aerodynamics of parallel baffles in ducts, 85-13113

**Dufour, Alfred P.**  
Health effects criteria for fresh recreational waters /, 85-12484

**Dugan, J. T.**  
Hydrologic characteristics of Nebraska soils /, 85-12739

**Duggin, M. J.**  
Demonstration of angular anisotropy in the output of thematic mapper, 85-13421

**Dugundji, John.**  
Flutter and forced response of mistuned rotors using standing wave analysis, 85-13261

**Dunbar, Daniel N.**  
Computer analysis of effects of altering jet fuel properties on refinery costs and yields, 85-13392

**Dunford, Richard W.**  
The effects of federal income tax policy on U.S. agriculture : a study /, 85-13809

**Dupree, Andrea K.**  
Theoretical studies of x-ray emission from supernova remnants and other

non-equilibrium astrophysical plasmas, 85-13428

**Durst, Ron.**  
Social security taxation : impacts on farm operations and proposals for tax reform /, 85-11999

**Dutta, S. (Subhadra)**  
Laser-assisted solar cell metallization processing, 85-13348, 85-13349

**Dyal, William W.**  
Descriptive statistics : tables, graphs, & charts /, 85-12696

**Dycus, Robert L.**  
Inventory management supervisor (AFSC 64570) /, 85-12401

**Dynamic Science, Inc.**  
Test device and test procedure to assess side structures., 85-13632

**Dzurisin, Daniel.**  
Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 /, 85-12734

## E

**E.H. White Company.**  
Kaleidoscopes : emerging patterns of response and action in ECIA case studies of Chapter 2 in selected states /, 85-12471

**E.J. Bentz & Associates.**  
Lower Mississippi River regional barge fleet assessment, plan, and handbook guide /, 85-13641

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide : executive summary /, 85-13640

**Earth Satellite Corporation.**  
Study of LANDSAT-D thematic mapper performance as applied to hydrocarbon exploration, 85-13367

**Eberhardt, D. Scott.**  
Study of the mapping of Navier-Stokes algorithms onto multiple-instruction/multiple-data-stream computers, 85-13108

**Eberhardt, Ralph N.**  
On-orbit cryogenic fluid transfer, 85-13063

**Ecosometrics, Inc.**  
Coordinated transportation demonstration results : final report /, 85-13586

**Eddins, Donald L.**  
Descriptive statistics : tables, graphs, & charts /, 85-12696

**Edelmann, Patrick.**  
Quality of ground water in agricultural areas of the San Luis Valley, South-Central Colorado /, 85-12788

**Edgerton, Paul J.**  
Fourwing saltbush establishment in the Keating Uniform Shrub Garden : first year results /, 85-11922

**Edmond Young and Associates.**  
Presentation of opportunities for the chemical industry to become involved in space experimentation, 85-13270

**Edwards, Louise.**  
Inventory management supervisor (AFSC 64570) /, 85-12401

**EG&G Idaho.**  
Identification and assessment of anticipated major changes in control rooms /, 85-13742

Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740

**Eiss, N. S.**  
A Fundamental approach to the sticking of insect residues to aircraft wings, 85-13310

**Ek, Alan R.**  
A simple model for estimating total and merchantable tree heights /, 85-11916

**El-Bayoumy, Lotfi E.**  
An investigation of the transient thermal analysis of spur gears, 85-13080

Parameter studies of gear cooling using an automatic finite element mesh generator, 85-13077

**Elber, Wolf.**  
Delamination growth analysis in quasi-isotropic laminates under loads simulating low-velocity impact, 85-13097

**Elchuri, V.**  
NASTRAN forced vibration analysis of rotating cyclic structures, 85-13362

**Electric Power Research Institute.**  
BWR Full Integral Simulation Test (FIST) program facility description report /, 85-13718

**Elliott, D. B.**  
Spatial reasoning to determine stream network from LANDSAT imagery, 85-13405

**Elliott, Geoffrey S.**  
Map showing the distribution and abundance of boron and beryllium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12796

Map showing the distribution and abundance of cobalt in bedrock samples,

- western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12798
- Map showing the distribution and abundance of copper in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12797
- Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12795
- Map showing the distribution and abundance of lead in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12801
- Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12799
- Map showing the distribution and abundance of nickel and chromium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12800
- Map showing the distribution and abundance of scandium and yttrium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12802
- Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12803
- Map showing the distribution and abundance of zinc in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12804
- Ellis, M. A.**  
CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions /, 85-13738
- Ellis, Sherman R.**  
Analysis of urban storm-runoff data and the effects on the South Platte River, Denver metropolitan area, Colorado /, 85-12791
- Elms, C. (Charles)**  
Cost savings potential from improvement in railcar reliability and maintainability /, 85-13625
- Ely, James F.**  
A review of supercritical fluid extraction /, 85-12087
- Energy Research Corporation (Danbury, Conn.)**  
Evaluation of gas-cooled pressurized phosphoric acid fuel cells for electric utility power generation, 85-13160  
Full scale phosphoric acid-fuel cell stack technology development, 85-13394
- Engberg, R. A.**  
Appraisal of data for ground-water quality in Nebraska /, 85-12742
- Engelberg, Norman.**  
Considerations on command and response language features for a network of heterogeneous autonomous computers, 85-13117
- Engeset, Jogeir.**  
Removal of giardia lamblia cysts by drinking water treatment plants /, 85-12487
- Engineering and Research Center (U.S.). Colorado River Water Quality Office.**  
1984 evaluation of salinity control programs in the Colorado River basin /, 85-12902
- Engineering and Research Center (U.S.). Division of Power Technical Services.**  
Welding repair to hydraulic equipment., 85-12904
- Engineering and Research Center (U.S.). Geotechnical Branch.**  
Use of microwave oven in geotechnical applications : progress report no. 1 /, 85-12905
- English, Thomas T.**  
Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 /, 85-12734
- Enslin, William R.**  
Photo interpretation key to Michigan land cover use, 85-13385
- Environmental Monitoring and Support Laboratory (Cincinnati, Ohio)**  
EPA method study 16, method 606, phthalate esters /, 85-12502
- Environmental Monitoring Systems Laboratory (Las Vegas, Nev.)**  
Groundwater monitoring recommendations for oil shale development /, 85-12500  
Soil sampling quality assurance user's guide /, 85-12501
- Environmental Monitoring Systems Laboratory (Research Triangle Park, N.C.)**  
Quality assurance handbook for air pollution measurement systems., 85-12483
- Environmental Research Institute of Michigan.**  
Investigation of radiometric properties of the LANDSAT-4 multispectral scanner, 85-13376
- Environmental Research Laboratories (U.S.)**  
Activities ... plans ..., 85-12112
- Environmental Research Laboratory (Duluth, Minn.)**  
Instrumentation, recording, and processing of meteorological data near Portage, Wisconsin : Wisconsin power plant impact study /, 85-12497  
A simple transmission network planning method : Wisconsin power plant impact study /, 85-12496
- Environmental Sciences Research Laboratory.**  
Miniature acid-condensation system : design and operation /, 85-12498  
Review of the attributes and performance of six urban diffusion models /, 85-12499
- Epp, Donald J.**  
Recreation benefits from an improvement in water quality at St. Albans Bay, Vermont /, 85-11988
- Ercegovic, Milos Dragutin.**  
Dataflow computing approach in high-speed digital simulation, 85-13258
- ERIC Clearinghouse for Science, Mathematics, and Environmental Education.**  
Research on mathematics education reported in 1983 /, 85-12472
- ERIC Clearinghouse on Higher Education.**  
Public service in higher education : practices and priorities /, 85-12460
- ERIC Clearinghouse on Information Resources.**  
Microcomputers in elementary and secondary education : a guide to the resources /, 85-12461
- Ernst, Richard L.**  
Prescribing silvicultural treatments in hardwood stands of the Alleghenies /, 85-11939
- EROS Data Center.**  
LANDSAT 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C), 85-13380  
Quarterly report, Landsat 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C), 85-13370

**Escobar, D. E.**

Early warning and crop condition assessment, 85-13418

**Esser, R.**

Airbag demonstration program : phase III /, 85-13627

**European Parliament.**

The United States and Europe : common bonds and differing perspectives : report of the twenty-third meeting of members of Congress and of the European Parliament, January 19-21, 1984, pursuant to H. Res. 981 ...., 85-13849

**Evaluation Technologies, Inc.**

A trend study of high school offerings and enrollments : 1972-73 and 1981-92 /, 85-12442

**Evans, James George, 1938-**

Preliminary geologic map of the Peko Hills, Elko County, Nevada, 85-12813

**Everett, Lorne G.**

Groundwater monitoring recommendations for oil shale development /, 85-12500

**Experiment in International Living.**

Final report of the Haitian/English language project /, 85-12450

**F****Facemire, Barbara.**

Determination of the succinonitrile-benzene and succinonitrile-cyclohexanol phase diagrams by thermal and UV spectroscopic analysis, 85-13036

**Fagan, Guy T.**

Combat control operator (AFSC 27350) /, 85-12386

**Falzon, Pierre.**

Understanding a technical language, 85-13105

**Far West Laboratory for Educational Research and Development.**

Applying research to teacher education : the University of Utah's collaborative approach, first year preliminary report /, 85-12467

A collaborative model to identify and implement applications of research on effective teaching to preservice/inservice teacher education /, 85-12466

**Farmer, Eugene E.**

Viability of seed produced on highly sodic coal mine spoils /, 85-11914

**Farmer, Tip.**

Weapon control systems technician (F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389

**Farooque, M.**

Evaluation of gas-cooled pressurized phosphoric acid fuel cells for electric utility power generation, 85-13160

Full scale phosphoric acid-fuel cell stack technology development, 85-13394

**Farrell, David A.**

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

**Faulkner, M. Gregory.**

Studies of particulate removal from diesel exhaust /, 85-12503

**Federal Laboratory Consortium for Technology Transfer (U.S.)**

Technology and technical assistance available to you through U.S. Army Harry Diamond Laboratories Technology Transfer Program and the Federal Laboratory Consortium for Technology Transfer., 85-12331

**Federal Software Testing Center (U.S.)**

Office of Software Development and Information Technology., 85-12553

**Federation of American Societies for Experimental Biology. Life Sciences Research Office.**

Research opportunities in muscle atrophy, 85-13446

**Ferrante, M. J. (Michael John), 1930-**

High-temperature relative enthalpies of CuBr /, 85-12907

**Ferritto, John M.**

Users guide : computer program for optimum dynamic design of nonlinear metal plates under blast loading (CSDOOR) /, 85-12321

**Financial Management Conference [13th : 1984 : Washington, D.C.).**

The Proceedings of the Thirteenth Annual Financial Management Conference : Financial management reform : where we are and where we're headed., 85-13497

**Findlay, J. T.**

STS-8 BET results, 85-13183

**Finklin, Arnold I.**

Climate of Priest River Experimental Forest, northern Idaho /, 85-11936

**Finn, C.**

Principal facts for one-hundred-six gravity stations near the Goat Rocks wilderness area, Washington, 85-12807

**Finnerty-Fried, Pamela.**

Vocational rehabilitation in employment training /, 85-12437

**Fisch, Marta R.**

Influences on secondary and postsecondary vocational-technical student time on task /, 85-12430

**Fischer, William C.**

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

**Fisher, Frederick S., 1937-**

Geochemical sample locality map for the White Cloud-Boulder roadless area, Custer County, Idaho, 85-12808

**Fisher, Virginia J.**

Legal services technician (AFSC 70570) /, 85-12404

**Fitzgerald, Toole, and Alden.**

Transit marketing in Pennsylvania : a handbook of effective transit marketing aids /, 85-13585

**Flanders, Stephen N.**

Toward in-situ building R-value measurement /, 85-12322

**Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (1983 : Port St. Lucie, Fla.)**

Proceedings of the Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (July 25, 26 and 27, 1983, at Port St. Lucie, Florida), 85-13334

**Flint, Oliver S.**

The genus *Brachycentrus* in North America, with a proposed phylogeny of the genera of *Brachycentridae* (Trichoptera) /, 85-13546

**Florida. Dept. of Agriculture and Consumer Services.**

Soil survey of Manatee County, Florida /, 85-11962

**Flow Research Company.**

Direct simulations of chemically reacting turbulent mixing layers, 85-13391

**Foldes Incorporated.**

RF characteristics of the hoop column antenna for the land mobile satellite system mission /, 85-13144

**Foldes, Peter.**

RF characteristics of the hoop column antenna for the land mobile satellite system mission /, 85-13144

**Foote, Richard Q.**

Summary report on the regional geology, petroleum potential, environmental consideration for development, and estimates of undiscovered recoverable oil and gas resources of the United States Gulf of Mexico Continental Margin in

- the area of proposed oil and gas lease sales nos. 81 and 84, 85-12837
- Ford, Gary E.**  
LANDSAT-D thematic mapper image dimensionality reduction and geometric correction accuracy, 85-13374
- Ford, Robert E., 1943-**  
Identification and assessment of anticipated major changes in control rooms /, 85-13742
- Foreman, J. R.**  
Local effects of partly-cloudy skies on solar and emitted radiations, 85-13218
- Forest Products Laboratory (U.S.)**  
Deflections of uniformly loaded floors : a beam-spring analog /, 85-11893  
Racking performance of light-frame walls sheathed on two sides /, 85-11892  
The softwood plywood industry in the United States, 1965-82 /, 85-11929
- Forest Products Laboratory (U.S.)**  
Computer model for economic study of unbleached kraft paperboard production /, 85-11935
- Fort Dix Crime Watch.**  
The Crime prevention activity book., 85-12999
- Foster, J. B. (James B.)**  
Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792
- Fowle, John R.**  
Workshop proceedings : approaches for improving the assessment of human genetic risk : human biomonitoring, December 13-15, 1982, Washington, DC /, 85-12485
- Fox, Austin Shultz, 1923-**  
Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation /, 85-11986
- Fox, James C.**  
Study of robotics systems applications to the space station program, 85-13295
- Frank, William M.**  
Kinematic analysis of Hurricane Frederick (1979) using satellite, aircraft and rawinsonde data, 85-13451
- Franklin Research Center. Science Information Services Organization.**  
Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661
- Fravel, Dennis A.**  
Summary of trade and tariff information : fan, blowers, compressors, air pumps and vacuum pumps, and air-conditioning and refrigeration machines : TSUS items 661.05-661.22, 661.35-661.37., 85-12979  
Summary of trade and tariff information : pulp and paper machinery bookbinding machinery : TSUS items 668.00, 668.02, 668.04, 668.5, 668.06, 668.07, and 668.10., 85-12977
- Frawley, James J.**  
Observations of the earth's magnetic field from the space station, 85-13120
- Frazier, Donald O.**  
Determination of the succinonitrile-benzene and succinonitrile-cyclohexanol phase diagrams by thermal and UV spectroscopic analysis, 85-13036
- Frey, H. Thomas (Henry Thomas), 1927-**  
Major uses of land in the United States : preliminary estimates for 1982 /, 85-11998
- Frost, Walter, 1935-**  
Numeric and fluid dynamic representation of tornadic double vortex thunderstorms, 85-13164
- Fryxell, R. E.**  
Effects of surface chemistry on hot corrosion life, 85-13398
- Fuelberg, Henry E.**  
A kinetic energy study of the meso B-scale storm environment during AVESESAME V (20-21 May 1979) /, 85-13139
- Fujii, M.**  
Low-cost single-crystal turbine blades /, 85-13156
- Fuller, Dorothy W.**  
Turboprop propulsion mechanic (AFSC 42653) /, 85-12397
- Fulton, Robert E.**  
Management of CAD/CAM information, 85-13124
- Furlong, D. A.**  
Electrostatic augmentation of fabric filtration : reverse-air pilot unit experience /, 85-12512
- Fusaro, Robert L.**  
Effect of substrate chemical pretreatment on the tribological properties of graphite films, 85-13047
- Futrell, J. H.**  
Manufacture of DPFC-DMS polymer in the SKG range, 85-13455
- G**
- Gallo, A. Michael.**  
NASTRAN forced vibration analysis of rotating cyclic structures, 85-13362
- Galloway, John P.**  
Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyukuk lowland, Alaska, 85-12824
- Garklavs, George.**  
Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792
- Garrett Turbine Engine Company.**  
Advanced gas turbine (AGT) technology development, 85-13401  
Low-cost single-crystal turbine blades /, 85-13156
- Gartenhaus, Alan Reid.**  
In pursuit of wild geese : teaching creative thinking : Smithsonian approach /, 85-13544
- Gary, Bruce L.**  
Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231
- Gates, Joseph Spencer, 1935-**  
Maps showing ground-water units and withdrawal, basin and range province, Utah /, 85-12784
- Gates, R. L.**  
Computer generated animation and movie production at LARC, 85-13202
- Gatos, Harry C.**  
Crystal growth of device quality GaAs in space, 85-13208, 85-13337
- Gatski, T. B.**  
Embedded cavity drag in steady and unsteady flows, 85-13192
- Gause, E. P.**  
Alternative containers for low-level wastes containing large amounts of tritium /, 85-13741
- Gausman, H. W.**  
Early warning and crop condition assessment, 85-13418
- Gayer, Peter D.**  
Use valuation of Louisiana's rural lands : short-run fiscal impacts /, 85-11909
- Geballe, T. R.**  
The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445
- Geist, J. Michael.**  
Fourwing saltbush establishment in the Keating Uniform Shrub Garden : first year results /, 85-11922
- General Aviation Manufacturers' Association.**  
Take off for opportunities : leader's guide /, 85-13608

**General Dynamics Corporation, Convair Division.**

A Study of space station needs, attributes & architectural options, 85-13297, 85-13304, 85-13352

**General Electric Company, Aircraft Engine Business Group.**

Effects of surface chemistry on hot corrosion life, 85-13398

Rotorcraft contingency power study, 85-13396

**General Electric Company, Nuclear Fuel & Special Projects Division.**

BWR Full Integral Simulation Test (FIST) program facility description report /, 85-13718

**General Motors Corporation, Allison Gas Turbine Division.**

Advanced gas turbine AGT technology project, 85-13389

**General Motors Corporation, Detroit Diesel Allison Division.**

Allison transmissions : automatic models AT 540., 85-12373

**General Physics Corporation.**

Task analysis of nuclear power plant control room crews /, 85-13725

**Gentry, Carl L.**

Reynolds number effects on pressure loss and turbulence characteristics of four tube-bundle heat exchangers, 85-13093

**Geological Survey (U.S.)**

Aeromagnetic map of the Craig area, Alaska, 85-12842

Aeromagnetic map of the San Francisco Peaks area, Arizona, 85-12831

Alaska topographic - bathymetric series : Icy Bay, 1961 /, 85-12895

Alaska topographic series : Beaver, 1956 /, 85-12897

Alaska topographic series : Fort Yukon, 1956 /, 85-12896

Analysis of urban storm-runoff data and the effects on the South Platte River, Denver metropolitan area, Colorado /, 85-12791

Appraisal of data for ground-water quality in Nebraska /, 85-12742

Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota /, 85-12789

Coal-seismic, desktop computer programs in BASIC, 85-12836

Computer program directory for petroleum assessment of wilderness lands in the western United States, 85-12833

Descriptive, geologic, and borehole geophysical logs for 23 test holes in south-central Nebraska, 85-12827

Engineering—geologic maps of northern Alaska, Lookout Ridge quadrangle, 85-12809

Eruptions of Mount St. Helens : past, present, and future /, 85-12735

Evaluation of environmental factors affecting yields of major dissolved ions of streams in the United States /, 85-12741

Factor analysis of the chemistry of Spanish moss /, 85-12743

Floods of May 1978 in southeastern Montana and northeastern Wyoming /, 85-12744

Gas hydrates on continental margins of the United States based on occurrence of bottom simulating reflectors on marine seismic records, 85-12820

Geochemical sample locality map for the White Cloud-Boulder roadless area, Custer County, Idaho, 85-12808

Geohydrology of the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming : High Plains RASA Project /, 85-12747

Geologic map and coal sections of the Pine Ridge quadrangle, Moffat County, Colorado, 85-12817

Geologic map and sections of the southwestern Kenai Peninsula west of the Port Graham Fault, Alaska, 85-12830

Geologic map of Dinosaur National Monument and vicinity, Utah and Colorado /, 85-12888

Geologic map of the Beaver Lake Mountains quadrangle, Millard and Beaver counties, Utah /, 85-12893

Geologic map of the Frisco Peak quadrangle, Millard and Beaver counties, Utah /, 85-12894

Geologic map of the Lynndyl 30 x 60 minute quadrangle, Tooele, Juab, Utah, and Millard Counties, Utah, 85-12841

Geologic map of the outcrop area of the Hornbrook formation, Oregon and California, 85-12814

Geologic map of the Pole Canyon quadrangle, Harney County, Oregon, 85-12811

Geologic map of the Red Mountains quadrangle, Harney County, Oregon, 85-12810

Geology, geochemistry, and mineral resource potential of the Eighteenmile Wilderness study area p (ID-43-3), Lemhi County, Idaho, 85-12834

Ground-water monitoring at Santa Barbara, California : phase 2-effects of

pumping on water levels and on water quality in the Santa Barbara Ground-water basin /, 85-12738

Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792

Hydrogeology and effects of tailings basins on the hydrology of Sands Plain, Marquette County, Michigan /, 85-12790

Hydrologic characteristics of Nebraska soils /, 85-12739

Hydrologic reconnaissance of the Kolob, Alton, and Kaiparowits Plateau coal fields, south-central Utah, 85-12826

Hydrology of a surface coal mined area in Randolph County, Illinois /, 85-12793

The Lanczos-preconditioned, folded skin (sin x)/x interpolator, 85-12832

Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 /, 85-12734

Map of marine geology of Upper Muir and Wachusett Inlets, Glacier Bay, Alaska : sediment distribution and thickness, bathymetry, and interpreted seismic profiles, 85-12840

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Southern California /, 85-12764, 85-12776

Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon /, 85-12780

Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico /, 85-12772

Map showing outcrops of granitic rocks, ash-flow tuff, and laharc breccia, basin and range province, Idaho /, 85-12767

Map showing outcrops of granitic rocks, basin and range province, Arizona /, 85-12753

Map showing outcrops of pre-quaternary ash-flow tuffs and volcanoclastic rocks, basin and range province, Arizona /, 85-12755

Map showing outcrops of pre-quaternary ash-flow tuffs, basin and range province, Southern California /, 85-12763

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, Arizona /, 85-12756

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, New Mexico /, 85-12774

Map showing outcrops of thick, dominantly argillaceous sedimentary and

- metasedimentary rocks, basin and range province, Arizona /, 85-12754, 85-12762, 85-12768, 85-12787
- Map showing outcrops of thick, dominantly argillaceous sedimentary rocks, basin and range province, New Mexico /, 85-12773
- Map showing selected surface-water data for the Huntington 30 x 60-minute quadrangle, Utah /, 85-12892
- Map showing selected surface-water data for the Manti 30 x 60 -minute quadrangle, Utah /, 85-12889
- Map showing selected surface-water data for the Nephi 30 x 60 -minute quadrangle, Utah /, 85-12890
- Map showing selected surface-water data for the Price 30 x 60 -minute quadrangle, Utah /, 85-12891
- Map showing the distribution and abundance of boron and beryllium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12796
- Map showing the distribution and abundance of cobalt in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12798
- Map showing the distribution and abundance of copper in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12797
- Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12795
- Map showing the distribution and abundance of lead in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12801
- Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12799
- Map showing the distribution and abundance of nickel and chromium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12800
- Map showing the distribution and abundance of scandium and yttrium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12802
- Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12803
- Map showing the distribution and abundance of zinc in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12804
- Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752, 85-12758, 85-12761, 85-12766, 85-12771, 85-12779, 85-12783, 85-12786
- Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona /, 85-12751, 85-12760, 85-12770, 85-12775, 85-12778, 85-12782
- Maps showing ground-water levels, springs, and depth to ground waters, basin and range province, Utah /, 85-12785
- Maps showing ground-water units and number of large capacity wells basin and range province, Oregon /, 85-12777
- Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750
- Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769
- Maps showing ground-water units and withdrawal, basin and range province, Southern California /, 85-12759
- Maps showing ground-water units and withdrawal, basin and range province, Texas /, 85-12781
- Maps showing ground-water units and withdrawal, basin and range province, Utah /, 85-12784
- Maps showing ground-water units and withdrawal, ground-water levels, springs, and depth to ground waters, basin and range province, Northern California /, 85-12757
- Maps showing ground-water units, ground-water levels, springs, and depth to ground waters, basin and range province, Idaho /, 85-12765
- Maps showing natural aggregates of the conterminous United States, 85-12819
- The mid-Cretaceous frontier formation near the Moxa arch, southwestern Wyoming /, 85-12745
- Mineral resource potential of the Silver City 1° x 2° quadrangle, New Mexico-Arizona, 85-12839
- PBDAT, a program for reduction of Pb-U-Th isotope data, for use with HP-86/87 microcomputers, 85-12829
- Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyuk lowland, Alaska, 85-12824
- Potentiometric surface of the Floridan aquifer in central Sumter County, Florida, May 1983, 85-12818
- Potentiometric surface of the Floridan aquifer Southwest Florida Water Management District, September 1983, 85-12821
- Preliminary complete Bouguer gravity anomaly map of the Butte 1° x 2° quadrangle, Montana, 85-12825
- Preliminary geologic map of Furnas Volcano, Sao Miguel, Azores, 85-12815
- Preliminary geologic map of the Peko Hills, Elko County, Nevada, 85-12813
- Preliminary map of limonitic hydrothermal alteration for portions of the Needles 1° x 2° quadrangle, Arizona and California, 85-12816
- Principal facts for one-hundred-six gravity stations near the Goat Rocks wilderness area, Washington, 85-12807
- Quality of ground water in agricultural areas of the San Luis Valley, South-Central Colorado /, 85-12788
- Quantity and quality of streamflow in the southeastern Uinta Basin, Utah and Colorado /, 85-12740
- Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah, 85-12812
- Reconnaissance geologic map of the La Purisima-Paso Hondo area, Baja California Sur, Mexico, 85-12828
- Report on mineral resources geophysics program for Egypt, 85-12838
- Sand-calcite crystals from Garfield County, Utah /, 85-12737
- The Schultze Granite, the Tea Cup Granodiorite, and the Granite Basin Porphyry : a geochemical comparison of mineralized and unmineralized stocks in southern Arizona /, 85-12746
- Summary of radiometric anomalies in Alaska, 85-12806
- Summary report on the regional geology, petroleum potential, environmental consideration for development, and estimates of undiscovered recoverable oil and gas resources of the United States Gulf of Mexico Continental Margin in the area of proposed oil and gas lease sales nos. 81 and 84, 85-12837
- Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835
- Water resources and data-network assessment of the Manasota Basin, Manatee and Sarasota Counties, Florida /, 85-12748
- Water-resources appraisal of the upper Arkansas River basin from Leadville to Pueblo, Colorado /, 85-12749

- Wells drilled for oil and gas deeper than 15,000 feet in the conterminous United States and offshore, 85-12822
- Wells drilled for oil and gas deeper than 20,000 feet in the conterminous United States and offshore, 85-12823
- 7.5 minute series (topographic) : [California]. [36121-E8-TF-024], Monterey quadrangle, California - Monterey Co., 1947 /, 85-12856
- 7.5 minute series (topographic) : [Connecticut]. 41071-C8-TF-024, Mystic quadrangle, Connecticut - New York - Rhode Island /, 85-12859
- 7.5 minute series (topographic) : [Connecticut]. 41072-D6-TF-024, Durham quadrangle, Connecticut, 1964 /, 85-12860
- 7.5 minute series (topographic) : [Connecticut]. 41072-E8-TF-024, Southington quadrangle, Connecticut, 1968 /, 85-12861
- 7.5 minute series (topographic) : [Connecticut]. 41073-C3-TF-024, Botsford quadrangle, Connecticut - Fairfield Co., 1969 /, 85-12862
- 7.5 minute series (topographic) : [Connecticut]. 41073-G 3-TF-024, Cornwall quadrangle, Connecticut - Litchfield Co., 1956 /, 85-12863, 85-12864
- 7.5 minute series (topographic) : [Georgia]. 33802-A7-TF-024, Warthen quadrangle, Georgia - Washington Co., 1961 /, 85-12854
- 7.5 minute series (topographic) : [Hawaii]. 20156-F3-TF-024, Puu O Kali quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12844
- 7.5 minute series (topographic) : [Hawaii]. 20156-F4-TF-024, Maalaea quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12845
- 7.5 minute series (topographic) : [Hawaii]. 20156-G2-TF-024, Haiku quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12846
- 7.5 minute series (topographic) : [Hawaii]. 21157-C7-TF-024, Honolulu quadrangle, Hawaii - Honolulu Co., Island of Oahu /, 85-12847
- 7.5 minute series (topographic) : [Hawaii]. 21157-C8-TF-024, Pearl Harbor, Hawaii - Honolulu Co., Island of Oahu /, 85-12848
- 7.5 minute series (topographic) : [Hawaii]. 21157-D8-TF-024, Waipahu quadrangle, Hawaii - Honolulu Co., Island of Oahu /, 85-12849
- 7.5 minute series (topographic) : [Hawaii]. [21158-F1-TF-024], Waimea Canyon quadrangle, Hawaii - Kauai Co., 1983 /, 85-12850
- 7.5 minute series (topographic) : [Hawaii]. [21159-H5-TF-024], Hanapepe quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12851
- 7.5 minute series (topographic) : [Hawaii]. [22159-A6-TF-024], Makaha Point quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12852
- 7.5 minute series (topographic) : [Hawaii]. [22159-B3-TF-024], Anahola quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12853
- 7.5 minute series (topographic) : [Illinois]. 39090-C1-TM-024, Hettick quadrangle, Illinois - Macoupin Co. /, 85-12857
- 7.5 minute series (topographic) : [Illinois]. 39090-D2-TM-024, Athensville quadrangle, Illinois /, 85-12858
- 7.5 minute series (topographic) : [Illinois]. 41089-G4-TM-024, Dixon East quadrangle, Illinois - Lee Co. /, 85-12866
- 7.5 minute series (topographic) : [Illinois]. 41089-G5-TM-024, Dixon West quadrangle, Illinois - Lee Co. /, 85-12867
- 7.5 minute series (topographic) : [Illinois]. 41089-H4-TM-024, Grand Detour quadrangle, Illinois /, 85-12868
- 7.5 minute series (topographic) : [Michigan]. [42083-B5-TF-024], Ypsilanti East quadrangle, Michigan, 1967 /, 85-12869
- 7.5 minute series (topographic) : [Michigan]. [42083-B6-TF-024], Ypsilanti West quadrangle, Michigan - Washtenaw Co., 1967 /, 85-12870
- 7.5 minute series (topographic) : [Michigan]. [42083-C7-TF-024], Ann Arbor West quadrangle, Michigan - Washtenaw Co., 1965 /, 85-12871
- 7.5 minute series (topographic) : [Michigan]. [42083-D3-TF-024], Redford quadrangle, Michigan, 1968 /, 85-12872
- 7.5 minute series (topographic) : [Michigan]. [42083-D7-TF-024], Hamburg quadrangle, Michigan, 1965 /, 85-12873
- 7.5 minute series (topographic) : [Michigan]. [42083-E3-TF-024], Pontiac South quadrangle, Michigan - Oakland Co., 1968 /, 85-12874
- 7.5 minute series (topographic) : [Michigan]. [42083-F6-TF-024], West Highland quadrangle, Michigan, 1968 /, 85-12875
- 7.5 minute series (topographic) : [Michigan]. [42083-G4-TF-024], Ortonville quadrangle, Michigan - Oakland Co., 1968 /, 85-12876
- 7.5 minute series (topographic) : [Michigan]. [42083-G6-TF-024], Fenton quadrangle, Michigan, 1969 /, 85-12877
- 7.5 minute series (topographic) : [Minnesota]. 48095-C8-TF-024, Gatzke SW quadrangle, Minnesota - Marshall Co., 1962 /, 85-12878
- 7.5 minute series (topographic) : [Minnesota]. 48095-G1-TF-024, Roosevelt quadrangle, Minnesota, 1967 /, 85-12879
- 7.5 minute series (topographic) : [Minnesota]. 48095-G3-TF-024, Warroad SE quadrangle, Minnesota - Roseau Co., 1967 /, 85-12880
- 7.5 minute series (topographic) : [Minnesota]. 48095-G4-TF-024, Warroad SW quadrangle, Minnesota - Roseau Co., 1967 /, 85-12881
- 7.5 minute series (topographic) : [Minnesota]. 48095-H7-TF-024, Roseau NE quadrangle, Minnesota, 1966 /, 85-12882
- 7.5 minute series (topographic) : [North Dakota]. 48103-F7-TF-024, Writing Rock South quadrangle, North Dakota /, 85-12883
- 7.5 minute series (topographic) : [North Dakota]. 48103-G7-TF-024, Writing Rock North quadrangle, North Dakota - Divine Co. /, 85-12884
- 7.5 minute series (topographic) : [North Dakota]. 48103-G8-TF-024, Alkabo quadrangle, North Dakota - Divine Co. /, 85-12885
- 7.5 minute series (topographic) : [North Dakota]. 48103-H5-TF-024, Colgan East quadrangle, North Dakota - Saskatchewan /, 85-12886
- 7.5 minute series (topographic) : [North Dakota]. 48103-H6-TF-024, Colgan West quadrangle, North Dakota - Saskatchewan /, 85-12887
- 7.5 minute series (topographic) : [Ohio]. 41081-A4-TF-024, Akron East quadrangle, Ohio, 1967 /, 85-12865
- 7.5 minute series (topographic) : [Oklahoma]. [35096-H1-TF-024], Sapulpa South quadrangle, Oklahoma, 1958 /, 85-12855

#### Geological Survey (U.S.). National Center.

Evaluation of radiometric and geometric characteristics of LANDSAT-D imaging system, 85-13386

#### Geological Survey (U.S.). Water Resources Division.

Water resources data. Alaska., 85-12794

#### GEOMET Technologies, Inc.

Optimum sampling site exposure criteria for lead /, 85-12521

#### Geometronics Service Center (U.S.)

Gifford Pinchot National Forest, Washington, 1984 /, 85-11884

Umatilla National Forest, Oregon and Washington, 1976 /, 85-11887

**Geophysical Fluid Dynamics Laboratory (U.S.)**

Activities ... plans ..., 85-12112

**George C. Marshall Space Flight Center.**

Analysis of electrophoresis performance, 85-13172

The ASTRO-1 preliminary design review coupled loads analysis, 85-13040

Atmospheric environment for space shuttle (STS-13) launch, 85-13041

Bearing tester data compilation, analysis, and reporting and bearing math modeling, 85-13175

Design and construction of equipment items for geophysical fluid flow models, 85-13163

Determination of the succinonitrile-benzene and succinonitrile-cyclohexanol phase diagrams by thermal and UV spectroscopic analysis, 85-13036

Effects of chemical releases by the STS-3 orbiter on the ionosphere, 85-13171

Initialization of a mesoscale model for April 10, 1979, using alternative data sources /, 85-13140

An investigation into the probabilistic combination of quasistatic and random accelerations, 85-13038

Modular design attitude control system, 85-13432

Numeric and fluid dynamic representation of tornadic double vortex thunderstorms, 85-13164

Pattern recognition for space applications center director's discretionary fund, 85-13039

PDSS/IMC qualification test software acceptance procedures, 85-13166

PDSS/IMC qualification test, user's manual, 85-13165

Plasma and magnetospheric research, 85-13170

Pyrotechnic shock, 85-13037

Spartan release engagement mechanism (REM) stress and fracture analysis, 85-13354

A Study of space station needs, attributes & architectural options, 85-13304

Vector wind gust model, 85-13169

Water impact test of aft skirt end ring, and mid ring segments of the space shuttle solid rocket booster, 85-13167

**George C. Marshall Space Flight Center. Space Sciences Laboratory.**

Research in solar physics, 85-13173

**George Washington University.**

Publications of the Exobiology Program for 1983 : a special bibliography /, 85-13128

**Georgia. Dept. of Mines, Mining and Geology.**

7.5 minute series (topographic) : [Georgia]. 33802-A7-TF-024, Warthen quadrangle, Georgia - Washington Co., 1961 /, 85-12854

**Georgia. State Division of Conservation.**

7.5 minute series (topographic) : [Georgia]. 33802-A7-TF-024, Warthen quadrangle, Georgia - Washington Co., 1961 /, 85-12854

**Georgia Institute of Technology. Center for Man-Made Systems Research.**

Pilot interaction with automated airborne decision making systems : semiannual progress report, March 1983-August 1983, 85-13355

**Gerlach, John C., 1943-**

Facilities for meteorological research at the NASA Goddard/Wallops Flight Facility, 85-13053

**Getz, Virginia K.**

In-kind benefits and the nonmetro poor /, 85-12001

**Ghaffari, Farhad.**

An analytical design procedure for the determination of effective leading edge extensions on thick delta wings, 85-13429

An investigation of aerodynamic characteristics of wings having vortex flow using different numerical codes, 85-13272

**Gibbons, A. B.**

Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah, 85-12812

**Giencke-Holl, Laura.**

Careering after college : perspectives on lifelong learning and career development /, 85-12459

**Gilbert, Cathy.**

Landscape study and management alternatives for revegetation : Whitman Mission National Historic Site /, 85-12948

**Gille, John P.**

On-orbit cryogenic fluid transfer, 85-13063

**Gillen, Kenneth T.**

Heterogeneous oxidative degradation in irradiated polymers /, 85-13731

**Gillies, Daniel C.**

Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota /, 85-12789

**Gilson, Bruce.**

Tortuosity of lightning return stroke channels, 85-13119

**Gingras, Sandra Shanks.**

Revision of North American Liris Fabricius (Hymenoptera:Sphecoidea, Laridae) /, 85-13548

**Ginty, Carol A.**

Progressive fracture of fiber composites, 85-13067

**Giovinetto, M. B.**

Baseline acidity of ancient precipitation from the South Pole /, 85-12325

**Glackin, David L.**

Application of image processing technology to problems in manuscript encapsulation, 85-13226

Cloud cover typing from environmental satellite imagery, 85-13316

**Glenn, Joseph L.**

Disaster preparedness specialist (AFSC 24250) /, 85-12384

**Goad, William K.**

Video model deformation system for the national transonic facility, 85-13092

**Goddard Space Flight Center.**

Autonomous omnidirectional spacecraft antenna system, 85-13406

A compilation of mineral occurrences and the relationship of occurrences to structural elements of the Kentucky and Tennessee region, 85-13411

Considerations on command and response language features for a network of heterogeneous autonomous computers, 85-13117

Effects of spacecraft reflections on RF interferometer position location accuracy, 85-13413

Field-aligned electron density irregularities near 500 KM - equator to polar cap topside sounder Z mode observations, 85-13118

Fifth quarterly report on "Spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13437

Fourth quarterly report on "spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13383

High precision measurements in crustal dynamic studies, 85-13287

Investigation of radiometric properties of the LANDSAT-4 multispectral scanner, 85-13376

LANDSAT 4 band 6 data evaluation, 85-13365, 85-13375

- Large-scale interplanetary magnetic fields, 85-13116
- Measures and metrics for software development, 85-13091
- Microwave remote sensing of snow, 85-13373
- MPP disk subsystem, 85-13407
- Multipath induced errors in meteorological Doppler/interferometer location systems, 85-13412
- NIMBUS observation processing system requirements document #NG-13, 85-13087
- Nimbus 7 SMMR derived seasonal variations in the water vapor, liquid water and surface winds over the global oceans, 85-13115
- Observations of the earth's magnetic field from the space station, 85-13120
- Performance analysis of the word synchronization properties of the outer code in a TDRSS decoder, 85-13257
- Potential utility of future satellite magnetic field data, 85-13409
- Satellite data transmission (SDT) requirement, 85-13410
- Statistical correlation of structural mode shapes from test measurements and NASTRAN analytical values, 85-13114
- Tortuosity of lightning return stroke channels, 85-13119
- Use of thermal inertia determined by HCMM to predict nocturnal cold prone areas in Florida, 85-13369
- V-band IMPATT transmitter, 85-13416
- Goglia, G. L.**  
Transition to turbulence in plane channel flow, 85-13209
- Goldman, Louis J.**  
Three component velocity measurements using Fabry-Perot interferometer, 85-13064
- Golladay, Mary A.**  
Graduate study in education : an analysis of institutions and degree awards, 1971 to 1981 /, 85-12465
- Gomez, Anthony P.**  
Five southern California oaks : identification and postfire management /, 85-11940
- Gong, Leslie.**  
Thermal response of space shuttle wing during reentry heating, 85-13106
- Goodby, James E.**  
The Stockholm conference : a report on the first year : December 3, 1984., 85-13518
- Goodstein, Lynne.**  
Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003
- Goodwin, A. J.**  
Space station needs, attributes, and architectural options, 85-13291
- Goodyear Aerospace Corporation.**  
MPP disk subsystem, 85-13407
- Gosele, U.**  
Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material, 85-13342
- Gottfried, Gerald J.**  
Pocket gopher food habits on two disturbed forest sites in central Arizona /, 85-11906
- Gow, Anthony Jack.**  
Baseline acidity of ancient precipitation from the South Pole /, 85-12325
- Grady, Paul, 1914-**  
Corrosion control /, 85-12407
- Grandt, A. F. (Alten F.), 1945-**  
Three-dimensional measurements of fatigue crack closure, 85-13286
- Grannemann, N. G.**  
Hydrogeology and effects of tailings basins on the hydrology of Sands Plain, Marquette County, Michigan /, 85-12790
- Granskog, James E.**  
Wood shipments to Puerto Rico /, 85-11911
- Grant, Warren R.**  
Factors affecting supply, demand, and prices of U.S. rice /, 85-12000
- Grant, William B.**  
Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231
- Gray, Peter, 1946-**  
Needs assessment summary : cost analysis, policy analysis, and other evaluation methods /, 85-12446
- Grayman, W. M.**  
Conceptual development of a toxic screening model /, 85-12518
- Great Britain, Admiralty.**  
Scotland-east coast, Montrose to Berwick : facsimile reproduction of British Admiralty chart 1407., 85-12172
- Greeley, Ronald.**  
Feasibility study to conduct windblown sediment experiments aboard a space station, 85-13454
- Martian surface properties, 85-13223
- Greenbaum, Paul.**  
Nonverbal communications between American Indian children and their teachers : final report /, 85-12463
- Greene, William L.**  
Summary of trade and tariff information : agricultural and horticultural machinery, lawnmowers, and tractors, TSUS items 666.00, 666.10, 692.34, and 692.35., 85-12978
- Gregory, Samuel T.**  
The implementation and use of Ada on distributed systems with high reliability requirements : final report, 85-13444
- Griffin, T. J.**  
Local effects of partly-cloudy skies on solar and emitted radiations, 85-13218
- Grimes, Joyce G.**  
Apprentice operations systems management specialist (AFSC 27132) /, 85-12385  
F-100 jet engine mechanic (AFSC 42654) /, 85-12398
- Grimmer, Anne E.**  
A Glossary of historic masonry deterioration problems and preservation treatments /, 85-12944
- Grosch, C. E.**  
Embedded cavity drag in steady and unsteady flows, 85-13192
- Gross, Bernard.**  
Mode II fatigue crack growth specimen development, 85-13078
- Grosvenor, Beth.**  
How to apply National Register criteria to post offices /, 85-12950
- Grumman Aerospace Corporation.**  
Space station needs, attributes, and architectural options, 85-13301
- Gullahorn, Gordon E.**  
Investigation of dynamic noise affecting geodynamics information in a tethered subsatellite, 85-13264
- Gunther, Vicki.**  
A comparison of bilingual oral language and reading skills among limited English-speaking students from Spanish-speaking backgrounds /, 85-12468
- Gupta, Inder J.**  
Adaptive arrays for satellite communications, 85-13254
- Gurney, Charlotte M.**  
The use of linear feature detection to investigate thematic mapper data performance and processing, 85-13381

**Gusakov, I. (Ignaty)**

An Evaluation of methods to investigate truck tire wet traction /, 85-13634

**Gutentag, Edwin D., 1931-**

Geohydrology of the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming : High Plains RASA Project /, 85-12747

**Gutknecht, William F.**

Collection efficiency evaluation of mercury-trapping media for the SASS train impinger system /, 85-12515

**Gutkowski, Richard M.**

Racking performance of light-frame walls sheathed on two sides /, 85-11892

**Guy, R. Meade.**

Collaborative for Alabama Urban School Educators : final report /, 85-12469

**H**

**Haas, Jeffrey E.**

Cold-air performance of compressor-drive turbine of Department of Energy upgraded automobile gas turbine engine, 85-13051

**Habeck, James R. (James Robert), 1932-**

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

**Hager, Bradford H.**

Lower mantle heterogeneity, dynamic topography and the geoid, 85-13284

**Halasz, Ida.**

Influences on secondary and postsecondary vocational-technical student time on task /, 85-12430

**Hall, David W.**

Structural sizing of a solar powered aircraft, 85-13198

**Hall, Philip.**

Complex eigenvalues for the stability of couette flow, 85-13179

**Hall, Stan A.**

Structural sizing of a solar powered aircraft, 85-13198

**Hamilton, Donald R.**

Recommendations for quality assurance programs in nuclear medicine facilities /, 85-12686

**Hamilton, James B.**

Strategy for technological update of vocational/ technical teachers /, 85-12433

**Hamilton, V. Lee.**

Socialization into the student role : final report /, 85-12476

**Hamm, Alice Collins.**

A followup study of mothers exposed to diethylstilbestrol in pregnancy /, 85-12670

**Hampton Institute.**

A radiative transfer model for remote sensing of laser induced fluorescence of phytoplankton in non-homogeneous turbid water, 85-13353

**Hampton Institute. Dept. of Physics and Engineering Studies.**

Local effects of partly-cloudy skies on solar and emitted radiations, 85-13218

**Hannum, N. B.**

Space station propulsion analysis study, 85-13073

**Hanrahan, Charles E.**

Longrun changes in world food supply and demand : implications for development assistance policy /, 85-11987

**Hansen, Edward A.**

Weed control for establishing intensively cultured hybrid poplar plantations /, 85-11918

**Hansen, Wallace R., 1920-**

Geologic map of Dinosaur National Monument and vicinity, Utah and Colorado /, 85-12888

**Hanson, A. G. (Almer Glenn)**

Optical fiber communications link design in compliance with systems performance standards /, 85-12116

**Hanson, B. C.**

Microwave remote sensing of snow, 85-13373

**Haralick, Robert M.**

Spatial reasoning to determine stream network from LANDSAT imagery, 85-13405

**Harbaugh, Eugene E.**

Weather equipment technician (AFSC 30270) /, 85-12387

**Harger, Robert O.**

A novel algorithm for sea surface height estimation using complex SAR data, 85-13225

**Hargraves, Robert B.**

Magnetic properties of Martian surface material, 85-13243

**Hariharan, S. I.**

Acoustic shocks in a variable area duct containing near sonic flows, 85-13191

**Harris, Charles D., 1952-**

Aerodynamic characteristics of two NASA supercritical airfoils with different maximum thicknesses, 85-13033

**Hart, D. L.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, New Mexico /, 85-12771

Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769

**Hartin, Jane C.**

Airborne communications systems operator (AFSC 11650) /, 85-12382

Combat control operator (AFSC 27350) /, 85-12386

Weather equipment technician (AFSC 30270) /, 85-12387

**Harvard University. Center for Earth and Planetary Physics.**

Sources and sinks for nitrous oxide and experimental studies of the source of atmospheric COS, CS<sub>2</sub> and CH<sub>3</sub>Cl, 85-13436

**Harvey, John M., 1921-**

Instructions for forecasting decay in table grapes for storage., 85-11968

**Hasbrouck, Wilfred P.**

Coal-seismic, desktop computer programs in BASIC, 85-12836

The Lanczos-preconditioned, folded skin (sin x)/x interpolator, 85-12832

**Hassemer, Jerry H.**

Preliminary complete Bouguer gravity anomaly map of the Butte 1°x 2°quad-range, Montana, 85-12825

**Hassemer, Jerry R.**

Geology, geochemistry, and mineral resource potential of the Eighteenmile Wilderness study area p (ID-43-3), Lemhi County, Idaho, 85-12834

**Hattendorf, John B.**

Sailors and scholars : the centennial history of the U.S. Naval War College /, 85-12338

**Hausback, B. P.**

Reconnaissance geologic map of the La Purisima-Paso Hondo area, Baja California Sur, Mexico, 85-12828

**Hawaii. Dept. of Transportation.**

7.5 minute series (topographic) : [Hawaii]. 20156-F3-TF-024, Puu O Kali quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12844

7.5 minute series (topographic) : [Hawaii]. 20156-F4-TF-024, Maalaea quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12845

7.5 minute series (topographic) : [Hawaii]. 20156-G2-TF-024, Haiku quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12846

- 7.5 minute series (topographic) : [Hawaii].  
21157-C7-TF-024, Honolulu quadrangle, Hawaii - Honolulu Co., Island of Oahu /, 85-12847
- 7.5 minute series (topographic) : [Hawaii].  
21157-C8-TF-024, Pearl Harbor, Hawaii - Honolulu Co., Island of Oahu /, 85-12848
- 7.5 minute series (topographic) : [Hawaii].  
21157-D8-TF-024, Waipahu quadrangle, Hawaii - Honolulu Co., Island of Oahu /, 85-12849
- 7.5 minute series (topographic) : [Hawaii].  
[21158-F1-TF-024], Waimea Canyon quadrangle, Hawaii - Kauai Co., 1983 /, 85-12850
- 7.5 minute series (topographic) : [Hawaii].  
[21159-H5-TF-024], Hanapepe quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12851
- 7.5 minute series (topographic) : [Hawaii].  
[22159-A6-TF-024], Makaha Point quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12852
- 7.5 minute series (topographic) : [Hawaii].  
[22159-B3-TF-024], Anahola quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12853
- Hawthornthwaite, Frank G., 1926-**  
Biology of dwarf mistletoes : proceedings of the symposium, August 8, 1984, Colorado State University, Fort Collins /, 85-11942
- Lodgepole pine dwarf mistletoe /, 85-11890
- Hayah al-Misriyah al-Ammah lil-Misahah al-Jiyulujyah wa-al-Mashruat al-Tadiniyah.**  
Report on mineral resources geophysics program for Egypt, 85-12838
- Hayde, P. R.**  
Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737
- Hayes, Paul J.**  
Investigation of fast initialization of spacecraft bubble memory systems, 85-13103
- Health Effects Research Laboratory (Research Triangle Park, N.C.)**  
Health effects criteria for fresh recreational waters /, 85-12484
- Teratology and postnatal studies in rats of the propylene glycol butyl ether and isooctyl esters of 2,4-dichlorophenoxyacetic acid /, 85-12486
- Heath, B.**  
Low-cost single-crystal turbine blades /, 85-13156
- Hebert, Louis M. (Louis Michael)**  
Millimeter wave transmission systems and related devices, 85-13245
- Heckel, R. W.**  
Modeling degradation and failure of Ni-Cr-Al overlay coatings, 85-13057
- Heenan, A. Tracy.**  
Alternative strategies for space station financing, 85-13443
- Hein, Gerald F.**  
Solar photovoltaic powered refrigerators/freezers for medical use in remote geographic locations, 85-13159
- Heltman, Lynne R.**  
Interstate migration of the older veteran population : 1975 to 1980., 85-13651
- Henricks, Robert J.**  
Materials for advanced turbine engines (MATE) : Project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner /, 85-13399, 85-13400
- Henslee, S. P.**  
A survey of gas-side fouling measure devices, 85-13322
- Henze, William.**  
Research in solar physics, 85-13173
- Hepburn, John R.**  
Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003
- Herakovich, Carl T.**  
Composite laminates with negative through-the-thickness Poisson's ratios, 85-13288
- Space radiation effects on graphite-epoxy composite materials, 85-13088
- Temperature dependence of elastic and strength properties of T300/5208 graphite-epoxy, 85-13280
- Herbert, Henry E.**  
Production version of the extended NASA-Langley Vortex Lattice FORTRAN Computer Program, 85-13046
- Herbison, G. J.**  
Research opportunities in muscle atrophy, 85-13446
- Herrick, Owen W.**  
Rate of value change in Pennsylvania timber stands /, 85-11899
- Herro, Mark A.**  
Cut-off rate calculations for the outer channel in a concatenated coding system, 85-13278
- Hertzberg, Abraham.**  
Basic and applied research related to the technology of space energy conversion systems, 1982-1983, 85-13260
- Hewlett-Packard Company. Data Systems Division.**  
HP 1000 E-series computer. HP 2109B and HP 2113B installation and service manual., 85-12371
- Hexam, Roger W., 1935-**  
Land management programs for agriculture in southwest Georgia /, 85-11996
- Major uses of land in the United States : preliminary estimates for 1982 /, 85-11998
- Heyer, W. Ronald.**  
Variation, systematics, and zoogeography of *Eleutherodactylus guentheri* and closely related species (Amphibia: Anura, Leptodactylidae) /, 85-13547
- HHS Evaluation Documentation Center (U.S.)**  
Compendium of HHS evaluation studies, 85-12637
- Hickman, Clifford A.**  
Use valuation of Louisiana's rural lands : short-run fiscal impacts /, 85-11909
- Hiergesell, Robert A.**  
Descriptive, geologic, and borehole geophysical logs for 23 test holes in south-central Nebraska, 85-12827
- High Technology Corporation.**  
COSAL, a black-box compressible stability analysis code for transition prediction in three-dimensional boundary layers, 85-13149
- Higher Education Research Institute (Los Angeles, Calif.)**  
The American freshman : national norms for fall 1983 /, 85-12457
- Hills, Francis Allan.**  
Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico /, 85-12772
- Hillsman, Sally T.**  
Fines in sentencing : a study of the use of the fine as a criminal sanction /, 85-13001
- Hintze, Lehi F.**  
Geologic map of the Frisco Peak quadrangle, Millard and Beaver counties, Utah /, 85-12894
- Hirschkrone, Robert.**  
Rotorcraft contingency power study, 85-13396
- Hite, John E.**  
R. D. Bailey outlet works, Guyandot River, West Virginia : hydraulic model investigation /, 85-12320

**Hodgdon, Russell B., 1924-**

Anion permselective membrane, 85-13402

**Hoepfner, Robert P.**

Construction of a recycled portland cement concrete pavement /, 85-13598

**Hof, John G.**

Demand for commercially delivered domestic fuelwood in Colorado, 1980 /, 85-11925

**Hoff, R. J. (Raymond J.)**

Short internodes in western white pine /, 85-11913

**Hoffman, Donald R.**

Technical specifications, Waterford Steam Electric Station, Unit no. 3, docket no. 50-382 : appendix "A" to license no. NPF-26., 85-13712

**Hohman, J.**

Dye laser traveling wave amplifier, 85-13408

**Holdeman, J. D.**

On modeling dilution jet flowfields, 85-13070

**Holderer, O. C.**

Design and construction of equipment items for geophysical fluid flow models, 85-13163

**Holst, Terry L.**

Numerical optimization design of advanced transonic wing configurations, 85-13109

**Holt, Elizabeth T.**

Sea ice data buoys in the Weddell Sea /, 85-12323

**Holt, Henry E.**

Reports of planetary geology program - 1983, 85-13121

**Hoose, Peter J.**

Isopach map of Holocene sediment, Outer Continental Shelf between Yakutat Bay and Dry Bay, Eastern Gulf of Alaska, 85-12805

**Horn, Marjorie C.**

Use of services for family planning and infertility : United States, 1982 /, 85-12690

**Hornbrook, Mark C.**

Project overview., 85-12695

**Horwitz, James L.**

Plasma and magnetospheric research, 85-13170

**Howard, James O., 1915-**

Estimators and characteristics of logging residue in Montana /, 85-11903

**Howard University. Dept. of Mechanical Engineering.**

The Dynamics and control of large flexible space structures-VI, 85-13363

**Howell, R. R.**

The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445

**Hrubovcak, James.**

An analytical framework for examining investment in agriculture /, 85-11991

**Hsiao, James K.**

On the design of an optimal waveform to maximize scattering from a flat plate and a cone /, 85-12361

**Hu, Laizhao.**

Cut-off rate calculations for the outer channel in a concatenated coding system, 85-13278

**Hudgins, Wayne A.**

MPP disk subsystem, 85-13407

**Hudson, William D.**

Photo interpretation key to Michigan land cover use, 85-13385

**Huff, Anne S.**

Issue management by school superintendents : final report on grant no. G-80-0152 /, 85-12448

**Hughes Aircraft Company. Electron Dynamics Division.**

V-band IMPATT transmitter, 85-13416

**Hughes, B. Mason.**

Manufacture of DPFC-DMS polymer in the SKG range, 85-13455

**Hughes, Ruth P.**

Secondary vocational education : imperative for excellence /, 85-12431

**Hull, J. A. (Joseph A.)**

Optical fiber communications link design in compliance with systems performance standards /, 85-12116

**Huning, James R.**

Cloud cover typing from environmental satellite imagery, 85-13316

**Hunt, Lois T.**

Investigation of compounds essential for the origin of life, 85-13250

**Huntsville Research & Engineering Center.**

Manufacturing in space : fluid dynamics numerical analysis, 85-13435

Spartan release engagement mechanism (REM) stress and fracture analysis, 85-13354

**Hyer, M. W.**

Residual stresses in cross-ply composite tubes, 85-13252

**I****Ianacone, Robert N.**

Vocational rehabilitation in employment training /, 85-12437

**IBJ Associates.**

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide /, 85-13641

**ICF Incorporated.**

Computer analysis of effects of altering jet fuel properties on refinery costs and yields, 85-13392

**Idaho. Dept. of Water Resources.**

Map showing outcrops of granitic rocks, ash-flow tuff, and lahatic breccia, basin and range province, Idaho /, 85-12767

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Idaho /, 85-12768

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Idaho /, 85-12766

Maps showing ground-water units, ground-water levels, springs, and depth to ground waters, basin and range province, Idaho /, 85-12765

**Idaho National Engineering Laboratory.**

Laboratory measurements of parameters affecting wet deposition of methyl iodide /, 85-13745

**Igoe, William B.**

Reynolds number effects on pressure loss and turbulence characteristics of four tube-bundle heat exchangers, 85-13093

**Illinois. Dept. of Nuclear Safety.**

Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792

**Illinois Institute of Technology. Dept. of Electrical & Computer Engineering.**

"On the undetected error probability of a concatenated coding scheme for error control", 85-13279

Reed Solomon codes for error control in byte organized computer memory systems : final report, phase II, 85-13359

**Illinois Institute of Technology. Dept. of Electrical Engineering.**

"An extended d(min) = 4 RS code", 85-13282

Fast decoding of a d(min) = 6 RS code, 85-13283

**Ince, Peter J.**

Computer model for economic study of unbleached kraft paperboard production /, 85-11935

**Industrial Environmental Research****Laboratory (Cincinnati, Ohio)**

Leaching and selected hydraulic properties of processed oil shales /, 85-12480

**Industrial Environmental Research****Laboratory (Research Triangle Park, N.C.)**

Candidate sampling and analysis methods for 21 suspect carcinogens in combustion emissions /, 85-12509

Collection efficiency evaluation of mercury-trapping media for the SASS train impinger system /, 85-12515

Combustion modification tests on a sub-scale cement kiln for NO<sub>x</sub> reduction /, 85-12508

Control of wood stove emissions using improved secondary combustion /, 85-12505

Correlation of coal properties with environmental control technology needs for sulfur and trace elements /, 85-12507

Cost and performance models for electrostatically stimulated fabric filtration /, 85-12516

Development of criteria for extension of applicability of low-emission, high-efficiency coal burners : fourth annual report /, 85-12514

Electrostatic augmentation of fabric filtration : reverse-air pilot unit experience /, 85-12512

Evaluation of natural- and forced-draft staging air systems for nitric oxide reduction in refinery process heaters /, 85-12510

Environmental assessment and overview of biotechnology process applications /, 85-12511

Feasibility of ultrasonic and other methods for direct measurement of condenser biofouling /, 85-12506

Particulate data reduction (PADRE) system reference manual /, 85-12517

Status of dry SO<sub>2</sub> control systems : fall 1983 /, 85-12513

Studies of particulate removal from diesel exhaust /, 85-12503

Study of the effectiveness of a catalytic combustion device on a wood burning appliance /, 85-12504

Toxicity treatability of iron and steel plant wastewaters : a resource document /, 85-12495

**Ingalsbe, Gene.**

Farmer cooperative publications /, 85-12010

**Inge, Mildred.**

Cross-references within the Internal Revenue Code of 1954 as of January 3, 1985 /, 85-13693

**Innocenti, M.**

Optimal cooperative control synthesis applied to a control-configured aircraft, 85-13162

**Institute for Computer Applications in Science and Engineering.**

Acoustic shocks in a variable area duct containing near sonic flows, 85-13191

Complex eigenvalues for the stability of couette flow, 85-13179

Design, development and use of the finite element machine, 85-13178

Embedded cavity drag in steady and unsteady flows, 85-13192

A model for the distributed storage and processing of large arrays, 85-13180

Multidimensional explicit difference schemes for hyperbolic conservation laws, 85-13181

Spinning mode acoustic radiation from the flight inlet, 85-13190

Status of research at the Institute for Computer Applications in Science and Engineering, 85-13187

Three-dimensional implicit lambda methods, 85-13186

**InterAmerica Research Associates.**

A guide to culture in the classroom /, 85-12444

**Intermetrics, Inc.**

PDSS/IMC qualification test software acceptance procedures, 85-13166

PDSS/IMC qualification test, user's manual, 85-13165

**Intermountain Forest and Range Experiment Station (Ogden, Utah)**

Climate of Priest River Experimental Forest, northern Idaho /, 85-11936

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

A passive aerial barrier trap suitable for sampling flying bark beetles /, 85-11915

Short internodes in western white pine /, 85-11913

Streamflow summaries from twelve tributaries of Farmington Creek, Davis County Experimental Watershed, northern Utah /, 85-11937

Understory vegetation inventory : an efficient procedure /, 85-11895

Viability of seed produced on highly sodic coal mine spoils /, 85-11914

Volume and biomass for curlleaf cercocarpus in Nevada /, 85-11896

**International Cancer Research Data Bank.**

Selected abstracts on diagnosis and treatment of testicular cancer /, 85-12669

Selected abstracts on effects of therapy for primary neoplasms on the development of second malignant neoplasms /, 85-12666

Selected abstracts on intercellular communication related to neoplasia /, 85-12667

Selected abstracts on neutrons and charged particles in radiotherapy /, 85-12668

**International Council of Scientific Unions.****Scientific Committee on Solar-Terrestrial Physics.**

Middle Atmosphere Program : handbook for MAP., 85-13131

**International Energy Associates Limited.**

Materials licensing study : phase 1., 85-13724

**International Great Lakes Technical****Information Network Board.**

Great Lakes hydrometeorologic and hydraulic data needs : report to the International Joint Commission /, 85-13702

**International Joint Commission.**

Great Lakes hydrometeorologic and hydraulic data needs : report to the International Joint Commission /, 85-13702

**International Management and Development Institute.**

Vocational instructional program advisory committee resource guide /, 85-12427

**International Statistical Programs Center (U.S.)**

Statistical training programs, 1985-1986., 85-12019

**International Symposium on Ground-Based Studies of the Middle Atmosphere (1983 : Schwerin, Schwerin, Germany)**

Middle Atmosphere Program : handbook for MAP., 85-13131

**Ionics, Inc. Research Division.**

Anion permselective membrane, 85-13402

**Irvine, Thomas B.**

Progressive fracture of fiber composites, 85-13067

**Ishii, M.**

Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746

**Itagaki, Kazuhiko.**

Icing rate on stationary structures under marine conditions /, 85-12324

## Iversen, James D.

### Iversen, James D.

Feasibility study to conduct windblown sediment experiments aboard a space station, 85-13454

### Iwanski, Myron L.

Environmental research and development : a cooperative approach as demonstrated by the Tennessee Valley Authority., 85-13761

## J

### Jackson, Trevor William.

Turbulence characteristics of swirling flowfields, 85-13426

### Jaffe, L. D.

CONC/11, a computer program for calculating the performance of dish-type solar thermal collectors and power systems, 85-13323

### Japan, Kaijo Hoancho, Suiribu.

Japan, Honshu-east coast, Shioya Zaki to Ishinomaki Wan., 85-12217

Japan, Honshu-northwest coast and Kyushu north coast, Kammon Kaikyo to Hirado Seto., 85-12219

Japan, Honshu-northwest coast, Noto Hanto and approaches., 85-12215

Japan, Honshu-northwest coast, Tottori Ko to Mikuni Ko., 85-12216

Japan, Honshu-south coast and Nojima Zaki to Omae Zaki., 85-12218

### Jasperson, W. H.

Tabulation of ozonesonde data : 1963-1980 /, 85-13390

### Jenness, Jane E.

Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon /, 85-12780

Map showing outcrops of granitic rocks, ash-flow tuff, and lahatic breccia, basin and range province, Idaho /, 85-12767

Map showing outcrops of pre-quaternary ash-flow tuffs and volcanoclastic rocks, basin and range province, Arizona /, 85-12755

Map showing outcrops of pre-quaternary ash-flow tuffs, basin and range province, Southern California /, 85-12763

### Jennings, J. W.

Biomass estimators for thinned second-growth ponderosa pine trees /, 85-11921

### Jeremias, R. A.

Social security taxation : impacts on farm operations and proposals for tax reform /, 85-11999

## Jet Propulsion Laboratory (U.S.)

Aerosol backscatter lidar calibration and data interpretation, 85-13326

Application of image processing technology to problems in manuscript encapsulation, 85-13226

Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material, 85-13342

Cloud cover typing from environmental satellite imagery, 85-13316

CONC/11, a computer program for calculating the performance of dish-type solar thermal collectors and power systems, 85-13323

Development of an all-metal thick film cost effective metallization system for solar cells, 85-13345

The development of efficient coding for an electronic mail system, 85-13227

ECUT, energy conversion and utilization technologies program, 85-13235, 85-13338

Effects of voltage control in utility interactive dispersed storage and generation systems, 85-13318

Environmental, health, and safety assessment of photovoltaics, 85-13327

Evaluation of the HARDMAN comparability methodology for manpower, personnel, and training, 85-13321

Evaluation of thermal data for geologic applications, 85-13234

Global change, 85-13233

A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319

Hybrid vehicle assessment, 85-13329

Industry, university, and research institute interest in the U.S. Department of Energy ECUT Biocatalysis Research Activity, 85-13259

Interplanetary mission design handbook, 85-13324

Investigation of test methods, material properties, and processes for solar cell encapsulants, 85-13336, 85-13341

The kinematic stirling engine as an energy conversion subsystem for paraboloidal dish solar thermal power plants, 85-13313

Land mobile satellite service (LMSS) channel simulator, 85-13332

Laser-assisted solar cell metallization processing, 85-13348, 85-13349

Nonaerospace uses of JPL technology, 85-13203

Performance of the Lester battery charger in electric vehicles, 85-13315

Planetary geometry handbook, 85-13220, 85-13221

## Author Index

Preliminary study of a radiantly heated fluidized bed for the production of high-purity silicon, 85-13343

Proceedings, Fifth Parabolic Dish Solar Thermal Power Program Annual Review, 85-13333

Proceedings of the Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (July 25, 26 and 27, 1983, at Port St. Lucie, Florida), 85-13334

Process research in polycrystalline silicon material (PROPSM), 85-13340

Process research on polycrystalline silicon material (PROPSM), 85-13339

Publications of the Jet Propulsion Laboratory, 1982, 85-13251

Radiation protection for manned space activities, 85-13228

Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231

Requirements for a transformerless power conditioning system, 85-13330

Research on the use of space resources, 85-13236

A review of the silicon material task, 85-13331

Safety-related requirements for photovoltaic modules and arrays, 85-13335

Satellite-Derived Sea Surface Temperature : Workshop-II, June 22-24, 1983, Pasadena, California, 85-13328

Satellite Emission Range Inferred Earth Survey (SERIES) project, 85-13317

Second-law efficiency of solar-thermal cavity receivers, 85-13320

Solar parabolic dish annual technology evaluation report, fiscal year 1982, 85-13229

Solar parabolic dish technology annual evaluation report, 85-13314

Solar thermal technology, 85-13219

Spaceborne Imaging Radar Symposium, 85-13215

Summary of photovoltaic system performance models, 85-13325

Surface and allied studies in silicon solar cells, 85-13346

A survey of gas-side fouling measure devices, 85-13322

The Telecommunications and data acquisition progress report 42-77, 85-13267

A user's manual for the NASA/JPL synthetic aperture radar and the NASA/JPL L- and C-band scatterometers, 85-13232

**Jobson, Daniel J.**

Edge analyzing properties of center-surround response functions in cybernetic vision, 85-13094

**John F. Kennedy Space Center.**

Space launch vehicles., 85-13133

**John Hamburg and Associates.**

Transportation network analysis : intersection analysis, users' guide : a guide to the intersection analysis features of the UTPS program UROAD /, 85-13624

**John Hopkins University. Electrical Engineering and Computer Science Dept.**

Dye laser traveling wave amplifier, 85-13408

**John I. Thompson and Company.**

Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661

**Johns Hopkins University.**

The magnetic petrology of the deep crust and the interpretation of regional magnetic anomalies, 85-13439

**Johns Hopkins University. Dept. of Earth and Planetary Sciences.**

Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAG5-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies', 85-13414

**Johns Hopkins University. Materials Science and Engineering Dept.**

A durability study of pericardial bioprotheses, 85-13238

**Johnson, Bruce R.**

Map showing the distribution and abundance of boron and beryllium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12796

Map showing the distribution and abundance of cobalt in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12798

Map showing the distribution and abundance of copper in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12797

Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12795

Map showing the distribution and abundance of lead in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12801

Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12799

Map showing the distribution and abundance of nickel and chromium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12800

Map showing the distribution and abundance of scandium and yttrium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12802

Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12803

Map showing the distribution and abundance of zinc in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12804

**Johnson, Clifton W., 1924-**

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

**Johnson, D. L. (Dale Leroy)**

Atmospheric environment for space shuttle (STS-13) launch, 85-13041

**Johnson, Douglas E.**

Selected abstracts on diagnosis and treatment of testicular cancer /, 85-12669

**Johnson, J. Lawrence (Jesse Lawrence), 1947-**

Summary of trade and tariff information : artists' colors, inks and ink powders, and paints, coating, and related items : TSUS items 408.12, 408.48, 413.50, and 474.02-474.62., 85-12976

**Johnson, Mark K.**

Microhistological techniques for food habits analyses /, 85-11910

**Johnson, Robert L.**

Nuttall oak direct seedlings still successful after 11 years /, 85-11926

**Johnson, William D.**

Map showing outcrops of granitic rocks, basin and range province, Arizona /, 85-12753

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, Arizona /, 85-12756

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, New Mexico /, 85-12774

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Arizona /, 85-12754, 85-12762, 85-12768, 85-12787

Map showing outcrops of thick, dominantly argillaceous sedimentary rocks, basin and range province, New Mexico /, 85-12773

**Johnson, William G. (William Garland), 1944-**

High Reynolds number tests of a Boeing BAC I airfoil in the Langley 0.3-meter transonic cryogenic tunnel, 85-13034

**Joint Services Safety Conference (22nd : 1983 : New London, Conn.)**

22nd Joint Services Safety Conference : New London, CT, 19-22 September 1983., 85-13619

**Jones, Robert Earl, 1926-**

Combustion gas properties : I-ASTM jet A fuel and dry air /, 85-13465

**Jonnard, Aimison.**

Summary of trade and tariff information : fertilizers, other than nitrogenous, TSUS items 480.05, 480.10, 480.35-480.60, and 480.70-480.80., 85-12975

**Jordan, Thomas M.**

Radiation protection for manned space activities, 85-13228

**Jorden, Roger M. (Roger Miles), 1935-**

Appraisal study of saline water use equipment for power plant cooling /, 85-12901

**Jorgensen, Charles C.**

Nuclear power plant personnel qualifications and training : TSORT—an automated technique to assign tasks to training strategies /, 85-13728

**Joshi, Suresh M.**

Regions of attraction and ultimate boundedness for linear quadratic regulators with nonlinearities /, 85-13461

**JPL Sea Surface Temperature Workshop (2nd : 1983 : Pasadena, Calif.)**

Satellite-Derived Sea Surface Temperature : Workshop-II, June 22-24, 1983, Pasadena, California, 85-13328

**K****Kadaba, Prasad K.**

Development of limb volume measuring system, 85-13177

**Kahle, Anne B.**

Evaluation of thermal data for geologic applications, 85-13234

**Kaiser, Wilson.**

Agricultural finance statistics, 1960-83 / 85-11849

**Kalb, Michael W.**

Initialization of a mesoscale model for April 10, 1979, using alternative data sources / 85-13140

**Karmali, Meheboob S.**

Investigation of image enhancement techniques for the development of a self-contained airborne radar navigation system, 85-13151

**Karon, Sarita L.**

The market for wheelchairs : innovations and federal policy / 85-13753

**Kurplus, Walter J.**

Dataflow computing approach in high-speed digital simulation, 85-13258

**Kaszeta, William J.**

Qualification testing of solar photovoltaic powered refrigerator freezers for medical use in remote geographic locations, 85-13155

**Katz, Douglas S.**

Volunteers and voc ed / 85-12438

**Kaufmann, Merrill R.**

Effects of weather and physiographic conditions on temperature and humidity in subalpine watersheds of the Fraser Experimental Forest / 85-11904

**Kaukler, William.**

Determination of the succinonitrile-benzene and succinonitrile-cyclohexanol phase diagrams by thermal and UV spectroscopic analysis, 85-13036

**Kavaya, Michael J.**

Aerosol backscatter lidar calibration and data interpretation, 85-13326

**Keesler Technical Training Center (ATC).**

Technical Training Group, 3395th. Apprentice operations systems management specialist (AFSC 27132) / 85-12385

**Kehoe, M. W.**

Ground vibration test of F-16 airplane with initial decoupler pylon / 85-13125

**Kelley, H. J.**

Optimal symmetric flight with an intermediate vehicle model, 85-13211

**Kelley, J. S.**

Geologic map and sections of the southwestern Kenai Peninsula west of the Port Graham Fault, Alaska, 85-12830

**Kelly, D. P. (Daniel Paul), 1956-**

CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions / 85-13738

**Kelmers, A. D.**

Progress in evaluation of radionuclide geochemical information developed by DOE high-level nuclear waste repository site projects / 85-13734

**Kempf, C. R.**

Characterization of the low-level radioactive wastes and waste packages of the General Electric Vallecitos Nuclear Center : final report / 85-13736

**Kennedy, Carolyn.**

A Brief history of Farmers Home Administration / 85-11972

**Kennedy, Harvey E.**

Growth, thinning treatments, and soil properties in a 10-year-old cottonwood plantation on a clay site / 85-11927

Ten-year growth of five planted hardwood species with mechanical weed control on Sharkey clay soil / 85-11928

**Kentron Technical Center.**

An approximation formula for a class of Markov reliability models, 85-13196

**Kerr, Patricia A.**

Rational-spline approximation with automatic tension adjustment / 85-13466

**Keshock, Edward G.**

Measurement of local connective heat transfer coefficients of four ice accretion shapes, 85-13397

**Kestenbaum, Bert.**

Primary insurance amount for an average male worker / 85-12645

**Ketner, Keith Brindley, 1921-**

Preliminary geologic map of the Peko Hills, Elko County, Nevada, 85-12813

**Khandelwal, G. S.**

A study of physical processes for space radiation protection, 85-13213

**Khodadadi, J. M.**

Optimization of cooled shields in insulations, 85-13153

**Kieffer, Hugh H.**

Planetary Data Workshop : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983/ 85-13459

**Kilss, Beth.**

Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 / 85-13565

tion in Philadelphia, Pennsylvania, August 13-16, 1984 / 85-13565

**Kimball, Briant A.**

Quantity and quality of streamflow in the southeastern Uinta Basin, Utah and Colorado / 85-12740

**Kincaid, J. Peter.**

Improving your navy reading skills / 85-12345

**Kirkham, H.**

Effects of voltage control in utility interactive dispersed storage and generation systems, 85-13318

**Kirkman, C. H.**

Farmer cooperative publications / 85-12010

**Kittel, Peter.**

Design considerations for a <sup>3</sup>He refrigerator for space applications, 85-13112

**Klaffky, Roger W.**

National Synchrotron Light Source / 85-12415

**Klein, J.**

Requirements for a transformerless power conditioning system, 85-13330

**Kleinfeld, Judith.**

Making good boys better : nonformal education in Boy Scouts / 85-12464

**Klemas, V.**

Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies, 85-13242, 85-13420

**Klinger, A. R.**

Hydrology of a surface coal mined area in Randolph County, Illinois / 85-12793

**KMS Fusion, Inc.**

Study of robotics systems applications to the space station program, 85-13295

**Knight, Herbert A.**

Empirical yields of timber and forest biomass in the Southeast / 85-11907

**Knight, J. C. (John C.)**

The implementation and use of Ada on distributed systems with high reliability requirements : final report, 85-13444

**Knopf, Richard C.**

A recreation manager's guide to understanding river use and users. / 85-11945

**Ko, William L.**

Thermal response of space shuttle wing during reentry heating, 85-13106

**Kocamustafaoğullari, G.**

Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746

**Koch, R. C.**

Optimum sampling site exposure criteria for lead /, 85-12521

**Korsmo, E. P.**

Application of image processing technology to problems in manuscript encapsulation, 85-13226

**Koster, Eduard A.**

Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyuk lowland, Alaska, 85-12824

**Kot, Richard A.**

Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-through put rate transceiver, 85-13265

**Koyanagi, Robert Y., 1934-**

Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 /, 85-12734

**Kraft, Stephen.**

In pursuit of wild geese : teaching creative thinking : Smithsonian approach /, 85-13544

**Kramer, John H., 1943-**

Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003

**Krinard, R. M.**

Growth, thinning treatments, and soil properties in a 10-year-old cottonwood plantation on a clay site /, 85-11927

Ten-year growth of five planted hardwood species with mechanical weed control on Sharkey clay soil /, 85-11928

**Krombein, Karl V.**

Revision of North American Liris Fabricius (Hymenoptera:Sphecoidea, Laridae) /, 85-13548

**Krosel, Susan M.**

Development of dynamic simulation of TF34-GE-100 turbofan engine with post-stall capability, 85-13053

**Ksienki, Aharon A.**

Adaptive arrays for satellite communications, 85-13254

**Kuchler, Fred.**

Models for evaluating economic impacts of policy changes : a comparison /, 85-11985

**Kufka, A. L. (Alan L.)**

Earthquake hazard studies in New York State and adjacent areas /, 85-13721

**Kvenolden, Keith A.**

Gas hydrates on continental margins of the United States based on occurrence of bottom simulating reflectors on marine seismic records, 85-12820

**Kyle, Regina M. J.**

Kaleidoscopes : emerging patterns of response and action in ECIA case studies of Chapter 2 in selected states /, 85-12471

**L**

**L-Z Associates.**

Value engineering for wastewater treatment works /, 85-12520

**LaFortune, James R.**

Map showing outcrops of pre-quaternary ash-flow tuffs and volcanoclastic rocks, basin and range province, Arizona /, 85-12755

**Lagowski, J.**

Crystal growth of device quality GaAs in space, 85-13208, 85-13337

**Lake Survey Center.**

Great Lakes water levels., 85-12110

**Lala, Jaynarayan H.**

Development and evaluation of a fault-tolerant multiprocessor (FTMP) computer, 85-13194

**Lalk, Thomas R.**

Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157

**Lam, Peter T. C.**

Secondary pattern computation of an arbitrarily shaped main reflector, 85-13089

**Lamar, John E.**

Production version of the extended NASA-Langley Vortex Lattice FORTRAN Computer Program, 85-13046

**Lambie, F. W.**

Classification of the California desert for geology-energy-mineral resource potential : a geostatistical classification /, 85-12966

**Lamont-Doherty Geological Observatory.**

Earthquake hazard studies in New York State and adjacent areas /, 85-13721

**Lanford, B. L.**

Drive-to-tree, rubber-tired feller buncher production studies /, 85-11944

**Lang, Barbara D.**

Inventory management supervisor (AFSC 64570) /, 85-12401

**Langer, William H.**

Maps showing ground-water levels, springs, and depth to ground water,

basin and range province, Arizona /, 85-12751, 85-12760

Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750

Maps showing ground-water units and withdrawal, basin and range province, Southern California /, 85-12759

Maps showing natural aggregates of the conterminous United States, 85-12819

**Langley Research Center.**

Acoustic shocks in a variable area duct containing near sonic flows, 85-13191

Advanced composite elevator for Boeing 727 aircraft, 85-13137

Advanced powder metallurgy aluminum alloys via rapid solidification technology, 85-13201

Aerodynamic characteristics of two NASA supercritical airfoils with different maximum thicknesses, 85-13033

An analytical design procedure for the determination of effective leading edge extensions on thick delta wings, 85-13429

An approximation formula for a class of Markov reliability models, 85-13196

Canonical solutions for unsteady flow fields, 85-13096

CARE III model overview and user's guide, 85-13095

Climb-dash real-time calculations, 85-13214

A comparison of two photogrammetric algorithms for the measurement of model deformation in the national transonic facility, 85-13102

Complex eigenvalues for the stability of Couette flow, 85-13179

Computer generated animation and movie production at LARC, 85-13202

A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI, 85-13184

Construction of finite difference schemes having special properties for ordinary and partial differential equations, 85-13311

COSAL, a black-box compressible stability analysis code for transition prediction in three-dimensional boundary layers, 85-13149

Deformation measurements of composite multi-span beam shear specimens by moiré interferometry /, 85-13145

Delamination growth analysis in quasi-isotropic laminates under loads simulating low-velocity impact, 85-13097

Design, development and use of the finite element machine, 85-13178

## Langley Research Center.

- Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers, 85-13241
- Development and evaluation of a fault-tolerant multiprocessor (FTMP) computer, 85-13194
- A durability study of pericardial bio-prostheses, 85-13238
- Edge analyzing properties of center/surround response functions in cybernetic vision, 85-13094
- Elliptical orbit performance computer program, 85-13148
- Embedded cavity drag in steady and unsteady flows, 85-13192
- Error latency estimation using functional fault modeling, 85-13230
- F-14 modeling study, 85-13199
- Final report to The National Aeronautics and Space Administration, Langley Research Center on grant NAG-317 entitled an experimental study of the properties of surface pressure fluctuations in strong adverse pressure gradient turbulent boundary layers, 1 December 1982 to 31 January 1984, 85-13441
- Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300
- Flowfield measurements in a model scramjet combustor using laser-induced iodine fluorescence, 85-13433
- A Fundamental approach to the sticking of insect residues to aircraft wings, 85-13310
- Hinge specification for a square-faceted tetrahedral truss, 85-13189
- Identification of aerosol composition from multi-wavelength lidar measurements, 85-13240
- The implementation and use of Ada on distributed systems with high reliability requirements : final report, 85-13444
- An implementation of the distributed programming structural synthesis system (PROSSS), 85-13045
- Integrated application of active controls (IAAC) technology to an advanced subsonic transport project, 85-13138
- Interacting boundary-layer solutions for laminar separated flow past airfoils, 85-13195
- An Interval logic for higher-level temporal reasoning, 85-13185
- Investigation, development, and evaluation of performance proving for fault-tolerant computers, 85-13150
- An investigation of aerodynamic characteristics of wings having vortex flow using different numerical codes, 85-13272

- An investigation of chemically-induced improvement in saturation moisture characteristics of epoxies, 85-13099
- Investigation of fast initialization of spacecraft bubble memory systems, 85-13103
- Local effects of partly-cloudy skies on solar and emitted radiations, 85-13218
- Management of CAD/CAM information, 85-13124
- The mechanics of delamination in fiber-reinforced composite materials, 85-13188
- MLS/airplane system design, 85-13200
- A model for the distributed storage and processing of large arrays, 85-13180
- Multidimensional explicit difference schemes for hyperbolic conservation laws, 85-13181
- NEMAR plotting computer program, 85-13147
- Nonlinear viscoelastic characterization of structural adhesives, 85-13193
- Optimal symmetric flight with an intermediate vehicle model, 85-13211
- Preliminary study of (2-D) digital filtering for dealeasing NOSS wind direction data, 85-13207
- Pressure distribution data from tests of 2.29-meter (7.5-ft.) span EET high-lift research model in Langley 4- by 7-meter tunnel, 85-13042
- Processor-controlled timing module for Loran-C receiver, 85-13448
- Production version of the extended NASA-Langley Vortex Lattice FORTRAN Computer Program, 85-13046
- Progress on a generalized coordinates tensor product finite element 3DPNS algorithm for subsonic flow, 85-13182
- RF characteristics of the hoop column antenna for the land mobile satellite system mission /, 85-13144
- Scientific and technical training in the Soviet Union, 85-13123
- Segmented testing, 85-13217
- The Semi-Markov Unreliability Range Evaluator (SURE) program, 85-13126
- Space radiation effects on graphite-epoxy composite materials, 85-13088
- Spinning mode acoustic radiation from the flight inlet, 85-13190
- Status of research at the Institute for Computer Applications in Science and Engineering, 85-13187
- Structural sizing of a solar powered aircraft, 85-13198
- STS-8 BET results, 85-13183
- A study of physical processes for space radiation protection, 85-13213

## Author Index

- Thermoelectric temperature control system for the Pushbroom Microwave Radiometer (PBMR), 85-13098
- Three-dimensional implicit lambda methods, 85-13186
- Transition to turbulence in plane channel flow, 85-13209
- Unconventional missile concepts from consideration of varied mission requirements, 85-13101
- The VERRUN and VERNAL software systems for steady-state visual evoked experimentation, 85-13197
- Video model deformation system for the national transonic facility, 85-13092
- XSECT, 85-13044
- Langley Research Center. Applied Materials Branch.**
  - Composite laminates with negative through-the-thickness Poisson's ratios, 85-13288
  - Temperature dependence of elastic and strength properties of T300/5208 graphite-epoxy, 85-13280
- Langley Research Center. Structures and Dynamics Division.**
  - Structures and Dynamics Division, 85-13100
- Larsen, C. A.**
  - Priority accessible network for the elderly and handicapped in Seattle., 85-13595
- Latino Institute (Reston, Va.). Research Division.**
  - A comparison of bilingual oral language and reading skills among limited English-speaking students from Spanish-speaking backgrounds /, 85-12468
- Laughlin, Jack Kenneth.**
  - Appraisal study of saline water use equipment for power plant cooling /, 85-12901
- Lawrence, William.**
  - Removal of giardia lamblia cysts by drinking water treatment plants /, 85-12487
- Lawson, Ann.**
  - Common sense electrical safety : electrical hazards, reference text /, 85-12906
- Laxpati, S. R.**
  - A comparative study of linear array synthesis technique using a personal computer /, 85-12362
- Le Vine, D. M.**
  - Correlated measurements of UHF radar signatures, RF radiation, and electric field changes from lightning, 85-13084

- Tortuosity of lightning return stroke channels, 85-13119
- Leach, John, 1956-**  
The impulsive hard x-rays from solar flares, 85-13452
- LeBlanc, Adrian.**  
High resolution bone mineral densitometry with a gamma camera, 85-13086  
A study of stress-free living bone and its application to space flight, 85-13176
- LeBlanc, Michael R.**  
An analytical framework for examining investment in agriculture /, 85-11991
- Lee, F. C.**  
Input filter compensation for switching regulators, 85-13263
- Lee, S. W.**  
Secondary pattern computation of an arbitrarily shaped main reflector, 85-13089  
Semi-annual report for numerical methods for analyzing electromagnetic scattering, September 25, 1983 to March 24, 1984, 85-13447
- Leer, Bram van.**  
Multidimensional explicit difference schemes for hyperbolic conservation laws, 85-13181
- Legal Education Institute (U.S.)**  
The Freedom of Information Act for attorneys and access professionals., 85-13008  
The Freedom of Information Act for attorneys and access professionals. Book II., 85-13009
- Lehnen, Robert G.**  
The National crime survey : working papers /, 85-13006
- LeMaster, E. W.**  
Final technical report, 85-13387
- Lemmon, D. M.**  
Geologic map of the Beaver Lake Mountains quadrangle, Millard and Beaver counties, Utah /, 85-12893  
Geologic map of the Frisco Peak quadrangle, Millard and Beaver counties, Utah /, 85-12894
- Lemons, C. Dale.**  
Training for a technological world /, 85-12434
- Lester, Harold C.**  
Acoustic shocks in a variable area duct containing near sonic flows, 85-13191
- Levenspiel, Octave.**  
Preliminary study of a radiantly heated fluidized bed for the production of high-purity silicon, 85-13343
- Levin, R.**  
Hybrid vehicle assessment, 85-13329
- Levine, Arnold S.**  
The management of research institutions : a look at government laboratories /, 85-13135
- Levine, Janice Resnick.**  
Microcomputers in elementary and secondary education : a guide to the resources /, 85-12461
- Levine, Stanley R.**  
Deposition stress effects on thermal barrier coating burner rig life, 85-13056
- Levison, William H. (William Henry), 1936-**  
F-14 modeling study, 85-13199  
The VERRUN and VERNAL software systems for steady-state visual evoked experimentation, 85-13197
- Levitt, Karl N.**  
Investigation, development, and evaluation of performance proving for fault-tolerant computers, 85-13150
- Lewis, Douglas, 1938-**  
Improving U.S. farmland /, 85-11872
- Lewis Research Center.**  
Abrasive tip treatment for use on compressor blades, 85-13395  
Adaptive arrays for satellite communications, 85-13254  
Advanced gas turbine (AGT) technology development, 85-13401  
Advanced gas turbine AGT technology project, 85-13389  
An Advanced pitch change mechanism incorporating a hybrid traction drive, 85-13071  
Anion permselective membrane, 85-13402  
Application of an optimization method to high performance propeller designs, 85-13072  
Assessment of alternative aircraft fuels : proceedings of a conference held at NASA Lewis Research Center, Cleveland, Ohio, November 2-3, 1983., 85-13456  
Cold-air performance of compressor-drive turbine of Department of Energy upgraded automobile gas turbine engine, 85-13051  
Combustion characteristics in the transition region of liquid fuel sprays, 85-13430  
Computer analysis of effects of altering jet fuel properties on refinery costs and yields, 85-13392  
Dataflow computing approach in high-speed digital simulation, 85-13258
- Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-through put rate transceiver, 85-13265  
Determination of the key parameters affecting historic communications satellite trends, 85-13052  
Development of dynamic simulation of TF34-GE-100 turbofan engine with post-stall capability, 85-13053  
Direct simulations of chemically reacting turbulent mixing layers, 85-13391  
Dynamic stress analysis of smooth and notched fiber composite flexural specimens, 85-13065  
Effect of substrate chemical pretreatment on the tribological properties of graphite films, 85-13047  
Effects of chemical releases by the STS-3 orbiter on the ionosphere, 85-13171  
Effects of surface chemistry on hot corrosion life, 85-13398  
Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157  
Evaluation of gas-cooled pressurized phosphoric acid fuel cells for electric utility power generation, 85-13160  
Fabrication development for ODS-superalloy, air-cooled turbine blades, 85-13393  
Factors that affect the fatigue strength of power transmission shafting and their impact on design, 85-13048  
Flutter and forced response of mistuned rotors using standing wave analysis, 85-13261  
Full scale phosphoric acid-fuel cell stack technology development, 85-13394  
The impact resistance of SiC and other mechanical properties of SiC and Si<sub>3</sub>N<sub>4</sub>, 85-13146  
Input filter compensation for switching regulators, 85-13263  
An investigation into the injection molding of PMR-15 polyimide, 85-13256  
K-band latching switches., 85-13158  
Low-cost single-crystal turbine blades /, 85-13156  
Low-frequency switching voltage regulators for terrestrial photovoltaic systems, 85-13050  
Materials for advanced turbine engines (MATE) : project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner /, 85-13400  
Measurement of local connective heat transfer coefficients of four ice accretion shapes, 85-13397  
Millimeter wave transmission systems and related devices, 85-13245

- On modeling dilution jet flowfields, 85-13070
- Program for development of strain tolerant thermal barrier coating systems, 85-13237
- Progressive fracture of fiber composites, 85-13067
- Propulsion issues for advanced orbit transfer vehicles, 85-13049
- Qualification testing of solar photovoltaic powered refrigerator freezers for medical use in remote geographic locations, 85-13155
- Reliability considerations for the total strain range version of strainrange partitioning /, 85-13404
- Rotorcraft contingency power study, 85-13396
- Secondary pattern computation of an arbitrarily shaped main reflector, 85-13089
- Semi-annual report for numerical methods for analyzing electromagnetic scattering, September 25, 1983 to March 24, 1984, 85-13447
- A semi-direct procedure using a local relaxation factor and its application to an internal flow problem, 85-13068
- Simplified composite micromechanics equations for strength, fracture toughness, impact resistance and environmental effects, 85-13066
- Solar photovoltaic powered refrigerators/freezers for medical use in remote geographic locations, 85-13159
- Space station propulsion analysis study, 85-13073
- Study of effects of fuel properties in turbine-powered business aircraft, 85-13388
- Tabulation of ozonesonde data : 1963-1980 /, 85-13390
- Three component velocity measurements using Fabry-Perot interferometer, 85-13064
- The transient oxidation of single crystal NiAlZr /, 85-13403
- Tribological applications of surface analysis, 85-13069
- Library of Congress. Congressional Research Service.**  
Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report /, 85-13919
- What changes are most needed in the procedures used in the United States justice system? : national debate topic for high schools 1983-1984, pursuant to Public Law 88-246 /, 85-13660
- Library of Congress. Copyright Office.**  
Cartoons and comic strips., 85-13021
- Library of Congress. National Library Service for the Blind and Physically Handicapped.**  
Bestsellers, 1979-1983., 85-13024  
Books for blind and physically handicapped individuals., 85-13025  
Parents guide to the development of preschool handicapped children : resources and services., 85-13023
- Library of Congress. Science and Technology Division. Reference Section.**  
Scientific and technical libraries : administration and management /, 85-13026
- Library of Congress. Serial & Government Publications Division.**  
Popular names of U.S. Government reports : a catalog /, 85-13022
- Lick Observatory. Board of Studies in Astronomy and Astrophysics.**  
Astronomical application of IR CID technology, 85-13154
- Lilley, Robert W.**  
Processor-controlled timing module for Loran-C receiver, 85-13448
- Lime, David W.**  
A recreation manager's guide to understanding river use and users /, 85-11945
- Lin, C. C.**  
CONTEMPT4/MOD5 : an improvement to CONTEMPT4/MOD4 multicompartment containment system analysis program for ice containment analysis /, 85-13744
- Lin, Robert P.**  
High resolution X- and gamma-ray spectroscopy of solar flares, 85-13210
- Lin, Shu, 1937-**  
"Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes", 85-13281  
Performance analysis of the word synchronization properties of the outer code in a TDRSS decoder, 85-13257  
Reed Solomon codes for error control in byte organized computer memory systems : final report, phase II, 85-13359
- Lin, William.**  
Factors affecting supply, demand, and prices of U.S. rice /, 85-12000
- Lincoln Laboratory.**  
Lead salt diode lasers and development of tunable solid state lasers for remote sensing, 85-13356
- Lincom Corporation.**  
Satellite data transmission (SDT) requirement, 85-13410
- Lindholm, F. A., 1936-**  
Surface and allied studies in silicon solar cells, 85-13346
- Lindsey, William C.**  
Satellite data transmission (SDT) requirement, 85-13410
- Lindskov, K. L.**  
Quantity and quality of streamflow in the southeastern Uinta Basin, Utah and Colorado /, 85-12740
- Lipson, Joseph I.**  
Educational technology in voc ed /, 85-12435
- Liu, Grace C.**  
Canonical solutions for unsteady flow fields, 85-13096
- Lo, Y. T.**  
Semi-annual report for numerical methods for analyzing electromagnetic scattering, September 25, 1983 to March 24, 1984, 85-13447
- Locke, Bruce R.**  
Cost and performance models for electrostatically stimulated fabric filtration /, 85-12516
- Lockheed Missiles and Space Company.**  
NASA space station needs, attributes, and architectural options, 85-13290  
Space station needs, attributes, and architectural options, 85-13303, 85-13305, 85-13306  
Structural sizing of a solar powered aircraft, 85-13198
- Loewenthal, Stuart H.**  
An analytical method to predict efficiency of aircraft gearboxes, 85-13074  
Efficiency of nonstandard and high contact ratio involute spur gears, 85-13081  
Factors that affect the fatigue strength of power transmission shafting and their impact on design, 85-13048
- Logan, Thomas L.**  
Cloud cover typing from environmental satellite imagery, 85-13316
- Lohner, R.**  
High speed inviscid compressible flow by the finite element method, 85-13262
- Lomax, Denise.**  
Expanding knowledge in criminal justice : publications of the National Institute of Justice, cumulative supplement 1978-1982 /, 85-13004

**Loomis, John B.**

Empirical estimates of amenity forest values : a comparative review /, 85-11941

**Looney, Karen T.**

Investigation of fast initialization of spacecraft bubble memory systems, 85-13103

**Lopez, David A.**

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Southern California /, 85-12764

Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon /, 85-12780

Map showing outcrops of pre-quaternary ash-flow tuffs and volcanoclastic rocks, basin and range province, Arizona /, 85-12755

Map showing outcrops of pre-quaternary ash-flow tuffs, basin and range province, Southern California /, 85-12763

**Los Angeles County Museum of Art.**

Application of image processing technology to problems in manuscript encapsulation, 85-13226

**Lothner, David C.**

A new look at red pine financial returns in the Lake States /, 85-11897

**Louisiana, Dept. of Transportation and Development.**

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide /, 85-13641

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide : executive summary /, 85-13640

**Love, W. D.**

A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI, 85-13184

**Lower Republican Natural Resource District (Neb.)**

Descriptive, geologic, and borehole geophysical logs for 23 test holes in south-central Nebraska, 85-12827

**Lowry Air Force Base (Colo.). 3430th Technical Training Group.**

Weapon control systems technician (F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389

**Ludwick, J. S.**

A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI, 85-13184

**Ludwig, K. R.**

PBDAT, a program for reduction of Pb-U-Th isotope data, for use with HP-86/87 microcomputers, 85-12829

**Luebs, Donald F.**

Demonstration and evaluation of energy efficient systems for residential structures : the energy efficient residence (EER-2) : final report /, 85-12723

**Lunar and Planetary Institute.**

Press abstracts : fifteenth lunar and planetary science conference, March 12-16, 1984, 85-13440

**Lunar and Planetary Science Conference (15th : 1984 : Houston, Tex.)**

Press abstracts : fifteenth lunar and planetary science conference, March 12-16, 1984, 85-13440

**Lusch, David P.**

Photo interpretation key to Michigan land cover use, 85-13385

**Lutwack, Ralph.**

A review of the silicon material task, 85-13331

**Lybeck, Lynn D.**

Isopach map of Holocene sediment, Outer Continental Shelf between Yakutat Bay and Dry Bay, Eastern Gulf of Alaska, 85-12805

**Lyndon B. Johnson Space Center.**

Early warning and crop condition assessment, 85-13418

Mineralogic and petrologic studies of meteorites and lunar samples, 85-13424

Press abstracts : fifteenth lunar and planetary science conference, March 12-16, 1984, 85-13440

**Lyons, Deborah L.**

Taxi regulation in a free entry market : a case study of Washington, D.C. /, 85-13587

**M****MAC NCO Academy (U.S.)**

Military justice., 85-12367

**MacKenzie, Doris L.**

Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003

**Mackey, G. W.**

Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792

**Madison Metropolitan School District.**

Teaching severely handicapped students to perform meaningful work in non-sheltered vocational environments : draft /, 85-12455

**Maack, William J.**

Laboratory measurements of parameters affecting wet deposition of methyl iodide /, 85-13745

**Magnus, Alfred, 1951-**

PAN AIR, a computer program for predicting subsonic or supersonic linear potential flows about arbitrary configurations using a higher order panel method, 85-13136

**Mahoney, Barry.**

Fines in sentencing : a study of the use of the fine as a criminal sanction /, 85-13001

**Maine, Bureau of Maine's Elderly.**

Developing models and public education in home equity conversion for a rural state : final report of Maine's Home Equity Conversion Task Force /, 85-12721

**Maine's Home Equity Conversion Task Force.**

Developing models and public education in home equity conversion for a rural state : final report of Maine's Home Equity Conversion Task Force /, 85-12721

**Malik, Mujeeb R.**

COSAL, a black-box compressible stability analysis code for transition prediction in three-dimensional boundary layers, 85-13149

**Malila, William A.**

Investigation of radiometric properties of the LANDSAT-4 multispectral scanner, 85-13376

**Malone, Carl.**

A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319

**Management Sciences Training Institute (U.S.)**

Training and planning guide for management analysts., 85-13491

**Mandex, Inc.**

Recreational boating safety : analysis for programmatic decisions /, 85-13622

**Mantenicks, Maris A.**

Performance capabilities of the 12-centimeter xenon ion thruster, 85-13059

**Manthani, Sridhar R.**

Error latency estimation using functional fault modeling, 85-13230

**Maor, Moshe H.**

Selected abstracts on neutrons and charged particles in radiotherapy /, 85-12668

**Mark, Hans Michael 1929-**

The management of research institutions : a look at government laboratories /, 85-13135

**Marko Materials, Inc.**

Advanced powder metallurgy aluminum alloys via rapid solidification technology, 85-13201

**Markstrom, Donald C.**

Service life of treated and untreated Rocky Mountain area fenceposts : a progress report /, 85-11923

**Marner, W. J.**

A survey of gas-side fouling measure devices, 85-13322

**Marquart, Edward J.**

Numeric and fluid dynamic representation of tornadic double vortex thunderstorms, 85-13164

**Marquis, David A.**

Prescribing silvicultural treatments in hardwood stands of the Alleghenies /, 85-11939

**Marsh, Bruce D.**

Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAGS-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies', 85-13414

**Marshall, S. J. (Stephen J.)**

Toward in-situ building R-value measurement /, 85-12322

**Martilla, Gary.**

Student workbook : human requirements of flight /, 85-12380

**Martin, Franklin W.**

Growing food in containers in the Tropics /, 85-11969

**Martin Marietta Denver Aerospace, Space and Electronics Systems Division.**

Space station needs attributes and architectural options, 85-13248

**Martin, Peter, 1953-**

Ground-water monitoring at Santa Barbara, California : phase 2-effects of pumping on water levels and on water quality in the Santa Barbara Groundwater basin /, 85-12738

**Martin, Terry H.**

An American sunrise : the Vietnam Veterans Leadership Program : a history of ACTION's three-year veteran's initiative : technical report /, 85-12011

**Maryland, Governor's Commission on Law Enforcement and the Administration of Justice.**

The Crime prevention activity book., 85-12999

**Mason, Benjamin J.**

Soil sampling quality assurance user's guide /, 85-12501

**Massachusetts Institute of Technology.**

Flutter and forced response of mistuned rotors using standing wave analysis, 85-13261

**Massachusetts Institute of Technology, Dept. of Aeronautics and Astronautics.**

Reliability issues in active control of large flexible space structures, 85-13417

**Massachusetts Institute of Technology, Dept. of Materials Science and Engineering.**

Crystal growth of device quality GaAs in space, 85-13208, 85-13337

**Mast, Peter K.**

PLUGM, a coupled thermal-hydraulic computer model for freezing melt flow in a channel /, 85-13722

**Materials Processing in Space Workshop (1982 : Redondo Beach, Calif.)**

Materials Processing in Space Workshop minutes, October 27-28, 1982, 85-13246

**Matusik, Edward J.**

Summary of trade and tariff information : benzenoid cyclic intermediates—specialty chemicals : TSUS items 401.02, 401.04, 401.12-401.16, 401.20, 401.30-401.42, 401.46-401.58, 401.64-401.68, 402.00-402.08, 402.24-402.32, 402.36 (pt.), 402.40-404.12, 404.24-404.56, 404.64-406.63, 406.73, 406.82-407.16, 408.41, and 409.38., 85-12972

**Maurer, Dean A.**

Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) /, 85-13599

**May, Gordon D.**

Geochemical sample locality map for the White Cloud-Boulder roadless area, Custer County, Idaho, 85-12808

**Mayhew, M. A.**

A compilation of mineral occurrences and the relationship of occurrences to structural elements of the Kentucky and Tennessee region, 85-13411

**Mazur, Vladislav.**

Correlated measurements of UHF radar signatures, RF radiation, and electric field changes from lightning, 85-13084

**McCall, David M.**

Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157

**McCanlies, John M.**

Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157

**McCarty, John N.**

Turboprop propulsion mechanic (AFSC 42653) /, 85-12396, 85-12397

**McClintock, David William.**

Science, technology, and foreign affairs /, 85-13524

**McClure, Joe P.**

Empirical yields of timber and forest biomass in the Southeast /, 85-11907

**McCombs, Barbara L.**

Factors critical to the implementation of self-paced instruction : a background review /, 85-12411

Self-paced instruction : factors critical to implementation in Air Force technical training : a preliminary inquiry /, 85-12410

**McConkie, George W.**

Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452

**McCormack, Richard T.**

The medium-term outlook for the world economy : November 22, 1984., 85-13520

**McCutcheon, W. J. (William J.)**

Deflections of uniformly loaded floors : a beam-spring analog /, 85-11893

**McDaniel, James C.**

Flowfield measurements in a model scramjet combustor using laser-induced iodine fluorescence, 85-13433

**McDonald, J. R. (Jack Raymond), 1944-**

Studies of particulate removal from diesel exhaust /, 85-12503

**McDonald Observatory.**

The construction of a highly transportable laser ranging station, 85-13434 [NASA-Texas planetary program], 85-13358

**McDonald, Thomas, 1949-**

Improving U.S. farmland /, 85-11872

**McDonnell Douglas Astronautics Company-Huntington Beach.**

Space station needs, attributes, and architectural options, 85-13291, 85-13292, 85-13293

- McDonough, W. T. (Walter T.)**  
Viability of seed produced on highly sodic coal mine spoils /, 85-11914
- McFarland, A. L.**  
A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI, 85-13184
- McGahan, Sam.**  
Cross-references within the Internal Revenue Code of 1954 as of January 3, 1985 /, 85-13693
- McGhee, David S.**  
The ASTRO-1 preliminary design review coupled loads analysis, 85-13040
- McIntyre, David H.**  
Geochemical sample locality map for the White Cloud-Boulder roadless area, Custer County, Idaho, 85-12808
- McKay, E. D.**  
Simulation of groundwater flow and contaminant transport using the deterministic-probabilistic contaminant transport (DPCT) model /, 85-13720
- McKeever, David B.**  
The softwood plywood industry in the United States, 1965-82 /, 85-11929
- McLean, Hugh, 1939-**  
Reconnaissance geologic map of the La Purisima-Paso Hondo area, Baja California Sur, Mexico, 85-12828
- McSherry, Paul V.**  
Phoenix Indian Medical Center : drug formulary., 85-12638
- McWhorter, David B.**  
Leaching and selected hydraulic properties of processed oil shales /, 85-12480
- Meadows, Anna T.**  
Selected abstracts on effects of therapy for primary neoplasms on the development of second malignant neoplasms /, 85-12666
- Mehrotra, Piyush.**  
A model for the distributed storage and processing of large arrays, 85-13180
- Menon, P. K. A. (Padmanabhan K. A.)**  
Optimal symmetric flight with an intermediate vehicle model, 85-13211
- Mentkowski, Marcia.**  
Careering after college : establishing the validity of abilities learned in college for later careering and professional performance : final report to the National Institute of Education : overview and summary /, 85-12458  
Careering after college : perspectives on lifelong learning and career development /, 85-12459
- Menzies, Robert T.**  
Aerosol backscatter lidar calibration and data interpretation, 85-13326
- Merewether, E. A. (Edward Allen), 1930-**  
The mid-Cretaceous frontier formation near the Moxa arch, southwestern Wyoming /, 85-12745
- Meridian Corporation.**  
Synthesis of major economic studies of residential photovoltaics, 85-13350
- Merritt, Raymond H., 1936-**  
The Corps, the environment, and the Upper Mississippi River Basin /, 85-12326
- Metcalfe, Ralph W.**  
Direct simulations of chemically reacting turbulent mixing layers, 85-13391
- Meyer, Gary W.**  
The softwood plywood industry in the United States, 1965-82 /, 85-11929
- Meyers, Roy T.**  
The budgetary status of the Federal Reserve System., 85-13945
- Miami University.**  
Occupational aspirations and intended field of study in college /, 85-12443
- Michigan.**  
7.5 minute series (topographic) : [Michigan]. [42083-B5-TF-024], Ypsilanti East quadrangle, Michigan, 1967 /, 85-12869  
7.5 minute series (topographic) : [Michigan]. [42083-B6-TF-024], Ypsilanti West quadrangle, Michigan - Washenaw Co., 1967 /, 85-12870  
7.5 minute series (topographic) : [Michigan]. [42083-D3-TF-024], Redford quadrangle, Michigan, 1968 /, 85-12872  
7.5 minute series (topographic) : [Michigan]. [42083-E3-TF-024], Pontiac South quadrangle, Michigan - Oakland Co., 1968 /, 85-12874  
7.5 minute series (topographic) : [Michigan]. [42083-F6-TF-024], West Highland quadrangle, Michigan, 1968 /, 85-12875  
7.5 minute series (topographic) : [Michigan]. [42083-G4-TF-024], Ortonville quadrangle, Michigan - Oakland Co., 1968 /, 85-12876  
7.5 minute series (topographic) : [Michigan]. [42083-G6-TF-024], Fenton quadrangle, Michigan, 1969 /, 85-12877
- Michigan, Dept. of Natural Resources.**  
Hydrogeology and effects of tailings basins on the hydrology of Sands Plain, Marquette County, Michigan /, 85-12790
- Michigan State University. Institute for Research on Teaching.**  
Self-reports of teacher judgment /, 85-12474  
The use of research knowledge in teacher education and teaching /, 85-12473
- Michoud Assembly Facility (Chrysler Corporation)**  
Water impact test of aft skirt end ring, and mid ring segments of the space shuttle solid rocket booster, 85-13167
- Mickelson, Rome H.**  
Effects of land-use conversion on water runoff and soil erosion., 85-11967
- Mickens, Ronald E., 1943-**  
Construction of finite difference schemes having special properties for ordinary and partial differential equations, 85-13311
- Midwest Research Institute (Kansas City, Mo.)**  
Containerless high temperature property measurements by atomic fluorescence, 85-13174
- Mielke, Myles J.**  
Argentine agricultural policies in the grain and oilseed sectors /, 85-11982
- Mielke, Roland R.**  
Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers, 85-13241
- Mikels, John.**  
Maps showing ground-water units and withdrawal, basin and range province, Texas /, 85-12781
- Miles, M. J.**  
Sample size and precision in communication performance measurements /, 85-12115
- Millan, L. W.**  
Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737
- Milkovich, Scott Milan.**  
Space radiation effects on graphite-epoxy composite materials, 85-13088  
Temperature dependence of elastic and strength properties of T300/5208 graphite-epoxy, 85-13280
- Millar, John D. (John David), 1921-**  
EPA method study 16, method 606, phthalate esters /, 85-12502
- Miller, Frederick V.**  
Precision measuring equipment technician (AFSC 32470) /, 85-12390

**Miller, Gary W.**

Releasing young hardwood crop trees : use of a chain saw costs less than herbicides /, 85-11901

**Miller, Michael J., 1951-**

Logistics plans specialist (AFSC 66150) /, 85-12402

**Mills, Ronnie.**

Expanding knowledge in criminal justice : publications of the National Institute of Justice, cumulative supplement 1978-1982 /, 85-13004

**Minnesota. Dept. of Administration.**

7.5 minute series (topographic) : [Minnesota]. 48095-G1-TF-024, Roosevelt quadrangle, Minnesota, 1967 /, 85-12879

7.5 minute series (topographic) : [Minnesota]. 48095-G3-TF-024, Warroad SE quadrangle, Minnesota - Roseau Co., 1967 /, 85-12880

7.5 minute series (topographic) : [Minnesota]. 48095-G4-TF-024, Warroad SW quadrangle, Minnesota - Roseau Co., 1967 /, 85-12881

7.5 minute series (topographic) : [Minnesota]. 48095-H7-TF-024, Roseau NE quadrangle, Minnesota, 1966 /, 85-12882

**Minnesota. Dept. of Natural Resources.**

Pomme de Terre and Chippewa Ground-Water Study Steering Committee.

Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota /, 85-12789

**Minor, Scott A.**

Geologic map of the Pole Canyon quadrangle, Harney County, Oregon, 85-12811

**Mintz, Yale.**

Land-surface influences on weather and climate, 85-13271

**Mississippi. State Highway Dept. Research and Development Division.**

The use of fly ash in highway construction /, 85-13600

**Mitre Corporation.**

A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI, 85-13184

**Miyata, Edwin S.**

Mechanized red pine tree planting operation : a time study /, 85-11917

**Miyoshi, Kazuhisa.**

Interaction of sulfuric acid corrosion and mechanical wear of iron, 85-13075

**Molnia, Bruce.**

Map of marine geology of Upper Muir and Wachusett Inlets, Glacier Bay,

Alaska : sediment distribution and thickness, bathymetry, and interpreted seismic profiles, 85-12840

**Mongia, H. C.**

An experimental investigation of gas jets in confined swirling air flow /, 85-13141

**Montana. Dept. of State Lands.**

Westmoreland Resources' Absaloka Mine revised plan : final environmental impact statement., 85-12732

**Monteith, James H.**

A comparison of two photogrammetric algorithms for the measurement of model deformation in the national transonic facility, 85-13102

**Moody Air Force Base (Ga.). 347 TFW.**

Self aid/buddy care instructions., 85-12370

**Moon, Calvin W.**

Technical specifications, Byron Station, Unit no. 1, docket no. STN 50-454 : appendix "A" to license no. NPF-23., 85-13716

**Moore, Charles V.**

Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation /, 85-11986

**Moore, Richard B. (Richard Beresford), 1945-**

Preliminary geologic map of Furnas Volcano, Sao Miguel, Azores, 85-12815

**Moore, Thomas E.**

Stratigraphic nomenclature for the upper Devonian and lower Mississippian (?) Kanayut Conglomerate, Brooks Range, Alaska /, 85-12736

**Moracz, D. J. (Donald J.)**

Fabrication development for ODS-super-alloy, air-cooled turbine blades, 85-13393

**Morgan, Harry L.**

Pressure distribution data from tests of 2.29-meter (7.5-ft.) span EET high-lift research model in Langley 4 by 7-meter tunnel, 85-13042

**Morgan, K. (Kenneth), 1945-**

High speed inviscid compressible flow by the finite element method, 85-13262

**Morgantown Energy Technology Center.**

Full scale phosphoric acid-fuel cell stack technology development, 85-13394

Gas hydrates on continental margins of the United States based on occurrence of bottom simulating reflectors on marine seismic records, 85-12820

**Morkre, Morris E.**

Import quotas on textiles : the welfare effects of United States restrictions on

Hong Kong : an economic policy analysis /, 85-12531

**Morris, Dana J.**

An experimental and theoretical investigation of deposition patterns from an agricultural airplane /, 85-13463

**Morris, H. T. (Hal Tryon), 1920-**

Geologic map of the Beaver Lake Mountains quadrangle, Millard and Beaver counties, Utah /, 85-12893

Geologic map of the Frisco Peak quadrangle, Millard and Beaver counties, Utah /, 85-12894

**Morrone, John F.**

Summary of radiometric anomalies in Alaska, 85-12806

**Mosher, William D.**

Use of contraception in the United States, 1982 /, 85-12689

Use of services for family planning and infertility : United States, 1982 /, 85-12690

**Moss, William F.**

Spinning mode acoustic radiation from the flight inlet, 85-13190

**Moyle, W. R.**

Maps showing ground-water units and withdrawal, basin and range province, Southern California /, 85-12759

**Moynihan, P. I.**

Second-law efficiency of solar-thermal cavity receivers, 85-13320

**Mrotek, Mary H.**

Airborne communications systems operator (AFSC 11650) /, 85-12383

**Much, Nancy C., 1948-**

Careering after college : perspectives on lifelong learning and career development /, 85-12459

**Mueller, Arnold W.**

Study of stator-vane fluctuating pressures in a turbofan engine for static and flight tests /, 85-13460

**Mulvihill, Deborah A.**

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona /, 85-12751

**Municipal Environmental Research Laboratory.**

Comparison of leachate characteristics from selected municipal solid waste test cells /, 85-12492

Conceptual development of a toxic screening model /, 85-12518

Design information on rotating biological contactors /, 85-12490

- Effects of sewage sludge on corn silage and animal products /, 85-12488
- In situ analysis of corrosive and passive surfaces by laser-excited Raman spectroscopy /, 85-12493
- Removal of giardia lamblia cysts by drinking water treatment plants /, 85-12487
- Water filtration at Duluth /, 85-12489
- Muotoh, D.**  
Cost savings potential from improvement in railcar reliability and maintainability /, 85-13625
- Murthy, P. L. N.**  
Dynamic stress analysis of smooth and notched fiber composite flexural specimens, 85-13065
- Myer, Donna Foster.**  
An instructor resource guide for teaching a course in health promotion seminar /, 85-12447
- Myers, D. M.**  
A compilation of mineral occurrences and the relationship of occurrences to structural elements of the Kentucky and Tennessee region, 85-13411
- Myyette, C. F.**  
Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota /, 85-12789
- Myler, T. R.**  
Elliptical orbit performance computer program, 85-13148  
NEMAR plotting computer program, 85-13147
- N**
- N.D. Lea & Associates.**  
Cost savings potential from improvement in railcar reliability and maintainability /, 85-13625
- NAHB Research Foundation.**  
Demonstration and evaluation of energy efficient systems for residential structures : the energy efficient residence (EER-2) : final report /, 85-12723
- Namer, I.**  
Combustion characteristics in the transition region of liquid fuel sprays, 85-13430
- Namkoong, David.**  
Determination of the key parameters affecting historic communications satellite trends, 85-13052
- Nanstad, R. K.**  
Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay /, 85-13739
- Napolitano, M.**  
Three-dimensional implicit lambda methods, 85-13186
- NASA Program for Materials Processing in Space.**  
Containerless high temperature property measurements by atomic fluorescence, 85-13174
- National Academy of Sciences (U.S.)**  
Summary of activities, January 1 - March 31, 1984, Aeronautics and Space Engineering Board, Commission on Engineering and Technical Systems, 85-13247
- National Biomedical Research Foundation.**  
Investigation of compounds essential for the origin of life, 85-13250
- National Cancer Institute (U.S.)**  
Help yourself : tips for teenagers with cancer : user's guide., 85-12663  
Pretesting television PSAs : user's guide., 85-12664  
Research report: bone marrow transplantation., 85-12665  
Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661  
When cancer recurs : meeting the challenge again., 85-12662
- National Cancer Institute (U.S.). Office of Cancer Communications.**  
A followup study of mothers exposed to diethylstilbestrol in pregnancy /, 85-12670
- National Cartographic Information Center.**  
How to obtain aerial photographs., 85-12843
- National Center for Education Statistics.**  
Graduate study in education : an analysis of institutions and degree awards, 1971 to 1981 /, 85-12465  
Occupational aspirations and intended field of study in college /, 85-12443  
A trend study of high school offerings and enrollments : 1972-73 and 1981-92 /, 85-12442
- National Center for Health Services Research.**  
Computerized algorithms for evaluating prehospital care., 85-13628  
NCHSR reports available from NTIS, 85-12693  
Private health insurance coverage of the medicare population., 85-12694  
Project overview., 85-12695  
An X-ray screening protocol for extremity injuries /, 85-12692
- National Center for Health Statistics (U.S.)**  
Public use data tape documentation : multiple cause of death for ICD-9 1981 data., 85-12688  
Use of contraception in the United States, 1982 /, 85-12689  
Use of services for family planning and infertility : United States, 1982 /, 85-12690
- National Center for Health Statistics (U.S.). Division of Vital Statistics.**  
Vital statistics of the United States., 85-12691
- National Center for Research in Vocational Education (U.S.)**  
An analysis of fiscal policy alternatives for serving special populations in vocational education /, 85-12428  
Educational technology in vocational education /, 85-12435  
Influences on secondary and postsecondary vocational-technical student time on task /, 85-12430  
A policy analysis of professional development and personnel preparation for serving special populations /, 85-12429  
Secondary vocational education : imperative for excellence /, 85-12431  
A society based on work /, 85-12432  
Strategy for technological update of vocational/ technical teachers /, 85-12433  
Training for a technological world /, 85-12434  
Transcripts III technical report /, 85-12436  
Vocational education and youth employment /, 85-12440  
Vocational rehabilitation in employment training /, 85-12437  
Volunteers and vocational education /, 85-12438  
Word processing : a guide to program planning /, 85-12439
- National Clearinghouse for Bilingual Education.**  
A guide to culture in the classroom /, 85-12444
- National Clearinghouse for Family Planning Information (U.S.)**  
Family planning grantees, delegates & clinics., 85-12687
- National Conference for State and Local Officials on Small Business (6th : 1984 : San Diego, Calif.)**  
Ideas in action—the states and small business : the sixth National Conference for State and Local Officials on Small

Business, December 5-7, 1984, San Diego, California., 85-13541

**National Conference for State and Local Officials on Small Business Initiatives (6th : 1984 : San Diego, Calif.)**

Ideas in action : the states and small business, San Diego, California, December 5-7, 1984, Office of Advocacy's Sixth National Conference for State and Local Officials and Small Business Initiatives., 85-13540

**National Conference on Weights and Measures.**

Specifications, tolerances, and other technical requirements for weighing and measuring devices /, 85-12086

**National Criminal Justice Reference Service (U.S.)**

Expanding knowledge in criminal justice : publications of the National Institute of Justice, cumulative supplement 1978-1982 /, 85-13004

**National Defense Cadet Corps (U.S.)**

Instructor's guide for introduction to leadership development : a course outline : leadership development 1 /, 85-12245

**National Defense University.**

The Art and practice of military strategy /, 85-12221

Essays on strategy : selections from the 1983 Joint Chiefs of Staff essay competition., 85-12222

Space Symposium 1984 : America plans for space, 6-7 December 1984., 85-12220

**National Endowment for the Arts.**

Design arts., 85-13468

Media arts, film/radio/television., 85-13469

**National Endowment for the Humanities.**

Division of General Programs.

Humanities projects in media : guidelines and application instructions., 85-13470

**National Fishery Statistics Program (U.S.).**

Marine recreational fishery statistics survey. Pacific coast., 85-12106, 85-12107

**National Independent Study Center (U.S.)**

NISC course catalog., 85-13486

**National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.)**

Arthritis, rheumatic diseases, and related disorders., 85-12672

Cystic fibrosis., 85-12673

Diabetes mellitus., 85-12674

Digestive diseases., 85-12675

Kidney & urinary tract diseases and treatment /, 85-12676

**National Institute of Arthritis, Metabolism, and Digestive Diseases (U.S.)**

Arthritis, rheumatic diseases, and related disorders., 85-12672

Digestive diseases., 85-12675

Kidney & urinary tract diseases and treatment /, 85-12676

**National Institute of Child Health and Human Development (U.S.). Center for Population Research.**

Progress report of the Center for Population Research, National Institute of Child Health and Human Development., 85-12677

**National Institute of Education (U.S.)**

Applying research to teacher education : the University of Utah's collaborative approach, first year preliminary report /, 85-12467

Careering after college : establishing the validity of abilities learned in college for later career and professional performance : final report to the National Institute of Education : overview and summary /, 85-12458

Careering after college : perspectives on lifelong learning and career development /, 85-12459

Collaborative for Alabama Urban School Educators : final report /, 85-12469

A collaborative model to identify and implement applications of research on effective teaching to preservice/inservice teacher education /, 85-12466

A comparison of bilingual oral language and reading skills among limited English-speaking students from Spanish-speaking backgrounds /, 85-12468

Developer/demonstration project : a program to train apprentices to lead inservice workshops for secondary teachers of basic skills : final report /, 85-12475

Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452

Issue management by school superintendents : final report on grant no. G-80-0152 /, 85-12448

Making good boys better : nonformal education in Boy Scouts /, 85-12464

Mathematics learning styles of Chinese immigrant students : final research report /, 85-12445

Microcomputers in elementary and secondary education : a guide to the resources /, 85-12461

MicroSIFT courseware evaluations /, 85-12462

Needs assessment summary : cost analysis, policy analysis, and other evaluation methods /, 85-12446

Nonverbal communications between American Indian children and their teachers : final report /, 85-12463

Nonverbal factors in the education of Chinese American children : a film study /, 85-12470

Public service in higher education : practices and priorities /, 85-12460

Research in effective teaching of writing : phase I : final report /, 85-12453

Research on mathematics education reported in 1983 /, 85-12472

School desegregation and black achievement., 85-12477

Self-reports of teacher judgment /, 85-12474

Socialization into the student role : final report /, 85-12476

The use of research knowledge in teacher education and teaching /, 85-12473

**National Institute of Justice (U.S.)**

Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003

Expanding knowledge in criminal justice : publications of the National Institute of Justice, cumulative supplement 1978-1982 /, 85-13004

Fines in sentencing : a study of the use of the fine as a criminal sanction /, 85-13001

Forensics : when science bears witness., 85-12988

A study of government-subsidized housing rehabilitation programs and arson : analysis of programs administered in New York City, 1978-1981 /, 85-13002

**National Institute of Justice (U.S.). Office of Development, Testing, and Dissemination.**

Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes., 85-13005

**National Institute of Mental Health (U.S.)**

Adolescence and depression., 85-12707

Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452

Seasonal affective disorder and phototherapy /, 85-12709

Seasonal effects on mood : the role of light /, 85-12708

**National Institute of Mental Health (U.S.). Division of Biometry and Epidemiology.**

Program performance measurement : demands, technology, and dangers /, 85-12710

**National Institute of Mental Health (U.S.).**  
**Division of Biometry and Epidemiology.**  
**Survey and Reports Branch.**  
 Distribution of psychiatric beds, United States and each state, 1982 /, 85-12712

State and county mental hospitals, United States, 1980-81 and 1981-82 /, 85-12711

**National Institute of Neurological and Communicative Disorders and Stroke.**  
**Laboratory of Central Nervous System Studies.**

The Study of child growth and development and disease patterns in primitive cultures and the laboratories for slow, latent, and temperate virus infections, 85-12680

**National Institute on Alcohol Abuse and Alcoholism (U.S.)**  
 Report to the U.S. Congress on federal alcohol-related activities., 85-12714

**National Institute on Drug Abuse.**  
 For parents only : what you need to know about marijuana., 85-12713

**National Institutes of Health (U.S.)**  
 Arthritis, rheumatic diseases, and related disorders., 85-12672

Cardiomiopatia congestiva., 85-12654

Chronobiology and the digestive system : proceedings of a meeting held at the University of Minnesota in September 1981., 85-12649

Congestive cardiomyopathy /, 85-12653

Cystic fibrosis., 85-12673

Diabetes mellitus., 85-12674

Digestive diseases., 85-12675

Exercise and your heart /, 85-12655

Extramural research and training programs of the National Institute of Environmental Health Sciences., 85-12681

A Guide to the National Institute of Neurological and Communicative Disorders and Stroke, September 30, 1984., 85-12679

Influenza., 85-12656, 85-12657

Kidney & urinary tract diseases and treatment /, 85-12676

National Library of Medicine., 85-12682

NIAID interferon reagents : a program of the National Institute of Allergy and Infectious Diseases., 85-12671

Reye's syndrome., 85-12658

Selected abstracts on effects of therapy for primary neoplasms on the development of second malignant neoplasms /, 85-12666

Selected abstracts on neutrons and charged particles in radiotherapy /, 85-12668

Sindrome de Reye., 85-12659

**National Institutes of Health (U.S.). Division of Research Grants. Statistics and Analysis Branch.**

Information and instruction handbook no. VI-A for automatic data processing : definitions and specifications-master files, IMPAC NIH : a computer based information system on the Extramural Programs of NIH., 85-12651

**National Institutes of Health (U.S.).**  
**Editorial Operations Branch.**  
 NIH publications list /, 85-12652

**National Institutes of Health (U.S.). Office of Clinical Reports and Inquiries.**  
 Magnetic resonance imaging /, 85-12650

**National Museum of American History (U.S.)**  
 Perfect in her place : women at work in industrial America /, 85-13545

**National Ocean Survey.**  
 Great Lakes water levels., 85-12110

**National Opinion Research Center.**  
 Transcripts III technical report /, 85-12436

**National Research Council (U.S.).**  
**Aeronautics and Space Engineering Board.**  
 Summary of activities, January 1 - March 31, 1984, Aeronautics and Space Engineering Board, Commission on Engineering and Technical Systems, 85-13247

**National Science Foundation (U.S.)**  
 Academic science/engineering. R & D funds., 85-13474

Directory of multidisciplinary user facilities partially supported by the National Science Foundation., 85-13471

Research in undergraduate institutions., 85-13472

Science and engineering doctorates., 85-13475

**National Science Foundation (U.S.). Division of International Programs.**  
 United States-Spain cooperative program in basic sciences., 85-13473

**Native American Research Associates.**  
 Nonverbal communications between American Indian children and their teachers : final report /, 85-12463

**Naval Air Technical Training Center (Naval Air Station, Fla.). Aviation Ordnanceman School.**

Study manual phase II, electricity, electronics, and electrical armament circuits., 85-12340

**Naval Education and Training Program Development Center.**  
 Fire control technician B 3 & 2., 85-12347

Navy electricity and electronics training series., 85-12346

Seamanship : officer correspondence course., 85-12357

**Naval Education and Training Program Development Center. Detachment.**  
 Module 4.0, variational analyses of DC series circuits for basic electricity and electronics A-100-0010 /, 85-12336

Module 5.0, DC parallel circuits for basic electricity and electronics A-100-0010 /, 85-12337

**Naval Research Laboratory (U.S.)**  
 A comparative study of linear array synthesis technique using a personal computer /, 85-12362

On the design of an optimal waveform to maximize scattering from a flat plate and a cone /, 85-12361

**Naval Submarine Medical Research Laboratory.**  
 Blood volume responses in partially dehydrated subjects working in the cold /, 85-12341

Computer-assisted diagnosis program for acute abdominal pain /, 85-12342

An Evaluation of the ability of Navy hospital corpsmen to collect chest pain data from patients /, 85-12343

**Naval Training Equipment Center (U.S.)**  
 Training effectiveness evaluation and utilization demonstration of a low cost cockpit procedures trainer /, 85-12339

**Naval War College (U.S.)**  
 Sailors and scholars : the centennial history of the U.S. Naval War College /, 85-12338

**Navaneethan, Ramasamy.**  
 General aviation aircraft interior noise problem, 85-13357

Measurement of transmission loss characteristics using acoustic intensity techniques at the KU-FRL acoustic test facility, 85-13216

**Nazareth, Victor A.**  
 Leaching and selected hydraulic properties of processed oil shales /, 85-12480

**Nebraska Cooperative Extension Service. Agricultural Engineering Dept.**  
 Technical irrigation pumping plant test procedure manual /, 85-12420

**Nebraska Natural Resources Commission.**  
 Descriptive, geologic, and borehole geophysical logs for 23 test holes in south-central Nebraska, 85-12827

**Nesbitt, J. A.**

Modeling degradation and failure of Ni-Cr-Al overlay coatings, 85-13057

**Netherton, Ross De Witt, 1918-**

State laws and regulations governing settlement of highway construction contract claims and claim disputes, 85-13597

**Netzer, Daniel.**

Weed control for establishing intensively cultured hybrid poplar plantations /, 85-11918

**Nevada Bureau of Mines.**

Preliminary geologic map of the Peko Hills, Elko County, Nevada, 85-12813

**Nevada Bureau of Mines and Geology.**

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Nevada /, 85-12776

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Nevada /, 85-12775

**New Mexico. Bureau of Mines and Mineral Resources.**

Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico /, 85-12772

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, New Mexico /, 85-12774

Map showing outcrops of thick, dominantly argillaceous sedimentary rocks, basin and range province, New Mexico /, 85-12773

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, New Mexico /, 85-12771

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, New Mexico /, 85-12770

Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769

**New Mexico. Energy and Minerals Dept.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, New Mexico /, 85-12771

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, New Mexico /, 85-12770

Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769

**New Mexico State University.**

Speed-dependent collision effects on radar back-scattering from the ionosphere, 85-13204

**New Mexico State University. Dept. of Educational Specialties. Special Education Component.**

Heuristic methods for the mildly handicapped : research report and manual for teaching language arts and reading, 85-12456

**New York City Arson Strike Force.**

A study of government-subsidized housing rehabilitation programs and arson : analysis of programs administered in New York City, 1978-1981 /, 85-13002

**Newman, Charles E.**

Meteorological technician (AFSC 25170), 85-12406

**Newman, J. Steven.**

Noise measurement flight test : data/analyses, Sikorsky S-76A helicopter /, 85-13615

**Newton, Wendell L.**

Electronic warfare systems specialist (AFSC 32853) /, 85-12391

**Niagara Frontier Operations (Bell Aerospace Textron)**

NASTRAN forced vibration analysis of rotating cyclic structures, 85-13362

**Nichols, Charles D.**

Investigation of fast initialization of spacecraft bubble memory systems, 85-13103

**Nichols, Donald K.**

A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319

**Nielsen, David.**

Methods for determining the mechanical integrity of class II injection wells /, 85-12491

**Nilsen, Tor Helge.**

Geologic map of the outcrop area of the Hornbrook formation, Oregon and California, 85-12814

Stratigraphic nomenclature for the upper Devonian and lower Mississippian (?) Kanayut Conglomerate, Brooks Range, Alaska /, 85-12736

**Noor, Ahmed Khairy, 1938-**

Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires /, 85-13462

**North American Forestry Commission. Fire Management Study Group.**

Forest fire news /, 85-11888

**North Carolina. Division for Exceptional Children.**

Starter : a notebook for new teachers., 85-12454

**North Carolina State University. Dept. of Computer and Electrical Engineering.**

An evaluation of the directed flow graph methodology, 85-13269

**North Central Forest Experiment Station (Saint Paul, Minn.)**

Biomass production of 12-year-old intensively cultured *Larix eurolepis* /, 85-11919

The legal system, the U.S. Forest Service, and human-caused wild fires /, 85-11898

List of publications /, 85-11934

Mechanized red pine tree planting operation : a time study /, 85-11917

A new look at red pine financial returns in the Lake States /, 85-11897

Pulpwood production in the north central region by county., 85-11930

A simple model for estimating total and merchantable tree heights /, 85-11916

Weed control for establishing intensively cultured hybrid poplar plantations /, 85-11918

**Northeastern Forest Experiment Station (Broomall, Pa.)**

An analysis of New York's timber resources /, 85-11931

Black cherry site index curves for the Allegheny Plateau /, 85-11900

Potential effects of the fuelwood market on wood-using industries in northern New England and New York /, 85-11920

Prescribing silvicultural treatments in hardwood stands of the Alleghenies /, 85-11939

Proceedings : new and improved techniques for monitoring and evaluating spruce budworm populations : September 13-15, 1983, Holiday Inn, Burlington, VT /, 85-11938

Rate of value change in Pennsylvania timber stands /, 85-11899

Releasing young hardwood crop trees : use of a chain saw costs less than herbicides /, 85-11901

**Northwest Regional Educational Laboratory.**

MicroSIFT courseware evaluations /, 85-12462

**Novo, Evelyn Marcia Leao de M.**

Aplicaciones de los sensores remotos a problemas hidrologicos e inundaciones, 85-13364

The effects of solar incidence angle over digital processing of LANDSAT data, 85-13371

**Nuter, Janet.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752, 85-12783, 85-12786

**O**

**Oak Ridge National Laboratory.**

Progress in evaluation of radionuclide geochemical information developed by DOE high-level nuclear waste repository site projects /, 85-13734

**Oak Ridge National Laboratory. Engineering Physics and Mathematics Division.**

Nuclear power plant personnel qualifications and training : TSORT—an automated technique to assign tasks to training strategies /, 85-13728

**Oak Ridge National Laboratory. Metals and Ceramics Division.**

Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay /, 85-13739

**O'Brien, Renee.**

Understory vegetation inventory : an efficient procedure /, 85-11895

**Ogden Service Center (U.S.)**

Project hire., 85-13560

**O'Hair, James.**

Weapon control systems technician (F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389

**Ohio. Dept. of Highways.**

7.5 minute series (topographic) : [Ohio]. 41081-A4-TF-024, Akron East quadrangle, Ohio, 1967 /, 85-12865

**Ohio. Division of Geological Survey.**

7.5 minute series (topographic) : [Ohio]. 41081-A4-TF-024, Akron East quadrangle, Ohio, 1967 /, 85-12865

**Ohio. Division of Lands and Soil.**

Soil survey of Fulton County, Ohio /, 85-11958

**Ohio Agricultural Research and Development Center.**

Soil survey of Fulton County, Ohio /, 85-11958

**Ohio State University. ElectroScience Laboratory.**

Adaptive arrays for satellite communications, 85-13254

The Infrared spectral analysis of  $\text{CF}_2\text{Cl}_2$ , 85-13224

**Ohio State University. Research Foundation.**  
Interacting boundary-layer solutions for laminar separated flow past airfoils, 85-13195

**Ohio University. Avionics Engineering Center.**

Processor-controlled timing module for Loran-C receiver, 85-13448

**O'Keefe, John D.**

Shock vaporization and the accretion of the icy satellites of Jupiter and Saturn, 85-13351

**Oklahoma Conservation Commission.**

Soil survey of Harmon County, Oklahoma /, 85-11960

**Oklahoma State University.**

Confined turbulent swirling recirculating flow predictions, 85-13431

Swirl, expansion ratio and blockage effects on confined turbulent flow, 85-13425

Turbulence characteristics of swirling flowfields, 85-13426

**Oklahoma State University. Agricultural Experiment Station.**

Soil survey of Harmon County, Oklahoma /, 85-11960

**Old Dominion University. Dept. of Electrical Engineering.**

Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers, 85-13241

**Old Dominion University. Dept. of Geophysical Sciences.**

Identification of aerosol composition from multi-wavelength lidar measurements, 85-13240

**Old Dominion University. Dept. of Mechanical Engineering and Mechanics.**

An analytical design procedure for the determination of effective leading edge extensions on thick delta wings, 85-13429

Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300

An investigation of aerodynamic characteristics of wings having vortex flow using different numerical codes, 85-13272

Transition to turbulence in plane channel flow, 85-13209

**Old Dominion University. Dept. of Physics.**  
A study of physical processes for space radiation protection, 85-13213

**Old Dominion University. Research Foundation.**

An analytical design procedure for the determination of effective leading edge

extensions on thick delta wings, 85-13429

Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers, 85-13241

Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300

Identification of aerosol composition from multi-wavelength lidar measurements, 85-13240

An investigation of aerodynamic characteristics of wings having vortex flow using different numerical codes, 85-13272

Preliminary study of (2-D) digital filtering for dealeasing NOSS wind direction data, 85-13207

A study of physical processes for space radiation protection, 85-13213

Transition to turbulence in plane channel flow, 85-13209

**Old Dominion University. School of Sciences and Health Professions.**

A study of physical processes for space radiation protection, 85-13213

**Oliver, James D.**

Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-through put rate transceiver, 85-13265

**Olsen, K. B.**

Borehole logging for radium-226 : recommended procedures and equipment /, 85-13726

**O'Neill, Tip.**

The United States and China : communication from the speaker transmitting a report to the United States House of Representatives., 85-13678

**Operations Research Incorporated.**

Effects of spacecraft reflections on RF interferometer position location accuracy, 85-13413

Multipath induced errors in meteorological Doppler/interferometer location systems, 85-13412

**Oregon State University.**

Preliminary study of a radiantly heated fluidized bed for the production of high-purity silicon, 85-13343

**Orzechowski, J. A.**

Progress on a generalized coordinates tensor product finite element 3DPNS algorithm for subsonic flow, 85-13182

**Osborn, R. N.**

Organizational analysis and safety for utilities with nuclear power plants /, 85-13723

**Osborne, Steven F.**

Computer-assisted diagnosis program for acute abdominal pain /, 85-12342

**Oswald, Daniel D.**

Timber resources in areas developed for nonforest use in western Washington /, 85-11932

**Ou, Helen.**

Congestive cardiomyopathy /, 85-12653  
Exercise and your heart /, 85-12655

**Overseas Dependents Schools (United States. Dept. of Defense)**

Overseas employment opportunities for educators., 85-12140

**Owen, Donald R.**

Manufacture of DPFC-DMS polymer in the SKG range, 85-13455

**P****Paarlberg, P. L.**

Cargo preference and U.S. wheat exports /, 85-11989

**Pacific Northwest Forest and Range****Experiment Station (Portland, Or.)**

Biomass estimators for thinned second-growth ponderosa pine trees /, 85-11921

Estimators and characteristics of logging residue in Montana /, 85-11903

Fourwing saltbush establishment in the Keating Uniform Shrub Garden : first year results /, 85-11922

Lumber recovery from insect-killed lodgepole pine in the northern Rocky Mountains /, 85-11902

Timber resources in areas developed for nonforest use in western Washington /, 85-11932

**Pacific Northwest Laboratory.**

Borehole logging for radium-226 : recommended procedures and equipment /, 85-13726

Neutron dosimetry at commercial nuclear plants : final report of subtask C, <sup>3</sup>He neutron spectrometer /, 85-13730

Organic complexant-enhanced mobility of toxic elements in low-level wastes : annual report /, 85-13743

Organizational analysis and safety for utilities with nuclear power plants /, 85-13723

**Pacific Southwest Forest and Range****Experiment Station (Berkeley, Calif.)**

Five southern California oaks : identification and postfire management /, 85-11940

**Pai, Devdas Mizar.**

Influence of soft inclusions on the strength of wrought materials, 85-13277

Tensile fracture of ductile materials, 85-13276

**Palazzolo, M. A.**

Status of dry SO<sub>2</sub> control systems : fall 1983 /, 85-12513

**Palmer, James M.**

Fifth quarterly report on "Spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13437

Fourth quarterly report on "spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13383

**Palumbo, Thomas J.**

Selected characteristics of persons in engineering, 1978 /, 85-12044

**Pampeyan, Earl Haig, 1925-**

Geologic map of the Lynndyl 30 x 60 minute quadrangle, Tooele, Juab, Utah, and Millard Counties, Utah, 85-12841

**Pan American University.**

Final technical report, 85-13387

**Pandey, Ajay K.**

Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300

**Pankey, Jan M.**

Streamflow summaries from twelve tributaries of Farmington Creek, Davis County Experimental Watershed, northern Utah /, 85-11937

**Parabolic Dish Solar Thermal Power**

Program Annual Review (5th : 1983 : Indian Wells, Calif.)

Proceedings, Fifth Parabolic Dish Solar Thermal Power Program Annual Review, 85-13333

**Parikh, Pareshkumar C.**

A numerical study of the controlled flow tunnel for a high lift model, 85-13152

**Parker, Joseph.**

Development of an all-metal thick film cost effective metallization system for solar cells, 85-13345

**Parklawn Computer Center (U.S.)**

Introduction to the Parklawn Computer Center., 85-12685

**Parrett, Charles.**

Floods of May 1978 in southeastern Montana and northeastern Wyoming /, 85-12744

**Patterson, Donald I.**

Raising the stakes in carnival fraud /, 85-12995

**Patton, David R.**

Pocket gopher food habits on two disturbed forest sites in central Arizona /, 85-11906

**Patton-Mallory, Marcia.**

Racking performance of light-frame walls sheathed on two sides /, 85-11892

**Payne, A. C. (Arthur C.)**

Interim reliability evaluation program : analysis of the Calvert Cliffs, unit 1 nuclear power plant /, 85-13729

**Payne, Ann, 1940-**

Common sense electrical safety : electrical hazards, reference text /, 85-12906

**Payne, R. (Roy), 1946-**

Development of criteria for extension of applicability of low-emission, high-efficiency coal burners : fourth annual report /, 85-12514

**Peace Corps (U.S.)**

Business., 85-13481

Community development., 85-13482

Engineering., 85-13483

Forestry/fisheries., 85-13484

**Peace Corps (U.S.). Information Collection and Exchange.**

Water purification, distribution and sewage disposal for Peace Corps volunteers /, 85-13485

**Pearson, Edward C.**

Defensive system trainer specialist (AFSC 34152) /, 85-12392

**Pearson, H. A. (Henry A.)**

Microhistological techniques for food habits analyses /, 85-11910

**Peavy, J. Virgil.**

Descriptive statistics : tables, graphs, & charts /, 85-12696

**Pedco Environmental, inc.**

Quality assurance handbook for air pollution measurement systems., 85-12483

**Pedersen, H. C. (Herbert C.)**

Abrasive tip treatment for use on compressor blades, 85-13395

**PEI Associates.**

Background information document : (integrated risk assessment) : final rules for radionuclides., 85-12524

**Pelton, D. J.**

Optimum sampling site exposure criteria for lead /, 85-12521

- Pennsylvania. Bureau of Public Transit and Goods Movement Systems.**  
Transit marketing in Pennsylvania : a handbook of effective transit marketing aids /, 85-13585
- Pennsylvania. Dept. of Transportation.**  
Transit marketing in Pennsylvania : a handbook of effective transit marketing aids /, 85-13585
- Pennsylvania. Dept. of Transportation. Materials Evaluations Group.**  
Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) /, 85-13599
- Pennsylvania. Dept. of Transportation. Office of Research and Special Studies.**  
Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) /, 85-13599
- Pennsylvania State University.**  
Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003  
The impact resistance of SiC and other mechanical properties of SiC and Si<sub>3</sub>N<sub>4</sub> /, 85-13146
- Pennsylvania State University. Applied Research Laboratory.**  
The boundary layer on compressor cascade blades /, 85-13244
- Pennsylvania State University. Dept. of Meteorology.**  
Kinematic analysis of Hurricane Frederick (1979) using satellite, aircraft and rawinsonde data /, 85-13451
- Perkin-Elmer Corporation. Computer Systems Division.**  
2-line and 8-line communications multiplexors maintenance manual., 85-12372
- Peter Muller-Munk Associates.**  
Transit marketing in Pennsylvania : a handbook of effective transit marketing aids /, 85-13585
- Peters, Norman E.**  
Evaluation of environmental factors affecting yields of major dissolved ions of streams in the United States /, 85-12741
- Petersen, P. L.**  
CARE III model overview and user's guide, 85-13095
- Peterson, Victor L.**  
Application of supercomputers to computational aerodynamics, 85-13111
- Pharmacological Sciences Program (National Institute of General Medical Sciences)**  
Annual report /, 85-12678
- Phatak, Anil V.**  
Investigation of image enhancement techniques for the development of a self-contained airborne radar navigation system, 85-13151
- Phelps, Harriette L.**  
A research program in determination of heavy metals in sediments and benthic species in relation to nuclear power plant operation, 85-13249
- Phelps, L. Allen, 1948-**  
An analysis of fiscal policy alternatives for serving special populations in vocational education /, 85-12428
- Phoenix Indian Medical Center.**  
Phoenix Indian Medical Center : drug formulary., 85-12638
- Pickett, Jolene S.**  
Effects of chemical releases by the STS-3 orbiter on the ionosphere, 85-13171
- Pierre-Benoist, John.**  
Summary of trade and tariff information : animal feeds and animal feed ingredients, TSUS items 184.10-184.85., 85-12970
- Pierson, Willard J.**  
A Monte Carlo comparison of the recovery of winds near upwind and downwind from the SASS-1 model function by means of the sum of squares algorithm and a maximum likelihood estimator /, 85-13143
- Piispanen, William.**  
Control of wood stove emissions using improved secondary combustion /, 85-12505  
Study of the effectiveness of a catalytic combustion device on a wood burning appliance /, 85-12504
- Pilch, M.**  
PLUGM, a coupled thermal-hydraulic computer model for freezing melt flow in a channel /, 85-13722
- Pisani, Angelo, 1945-**  
A study of government-subsidized housing rehabilitation programs and arson : analysis of programs administered in New York City, 1978-1981 /, 85-13002
- Pitts, Grover C.**  
Rat body size, composition and growth at hypo- and hypergravity, 85-13427
- Planetary Data Workshop (1983 : Greenbelt, Md.)**  
Planetary Data Workshop : part 2 : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983., 85-13458
- Planetary Data Workshop : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983/**, 85-13459
- Plank, Marlin E.**  
Lumber recovery from insect-killed lodgepole pine in the northern Rocky Mountains /, 85-11902
- Plantz, Gerald G.**  
Hydrologic reconnaissance of the Kolob, Alton, and Kaiparowits Plateau coal fields, south-central Utah, 85-12826
- Pleasant, Linda G.**  
Publications of the Exobiology Program for 1983 : a special bibliography /, 85-13128
- Plescia, Jeffrey B.**  
A bibliography of planetary geology principal investigators and their associates, 1982-1983, 85-13122
- Plumb, Timothy R.**  
Five southern California oaks : identification and postfire management /, 85-11940
- Polin, Linda G.**  
Research in effective teaching of writing : phase I : final report /, 85-12453
- Pondy, Louis R.**  
Issue management by school superintendents : final report on grant no. G-80-0152 /, 85-12448
- Ponzio, Richard.**  
A collaborative model to identify and implement applications of research on effective teaching to preservice/inservice teacher education /, 85-12466
- Poole, L. R.**  
A radiative transfer model for remote sensing of laser induced fluorescence of phytoplankton in non-homogeneous turbid water, 85-13353
- Posner, Edward C. 1933-**  
The Telecommunications and data acquisition progress report 42-77, 85-13267
- Post, Daniel.**  
Deformation measurements of composite multi-span beam shear specimens by moire interferometry /, 85-13145
- Povinelli, Louis A.**  
Application of a quasi-3D inviscid flow and boundary layer analysis to the hub-shroud contouring of a radial turbine, 85-13055
- Powell, F. D.**  
Study of effects of fuel properties in turbine-powered business aircraft, 85-13388

**Prabhakara, Cuddapah.**

Nimbus 7 SMMR derived seasonal variations in the water vapor, liquid water and surface winds over the global oceans, 85-13115

**Pratt & Whitney Aircraft Group. Engineering Division.**

Abrasive tip treatment for use on compressor blades, 85-13395

Materials for advanced turbine engines (MATE) : Project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner /, 85-13399, 85-13400

Program for development of strain tolerant thermal barrier coating systems, 85-13237

**Pratt, Terrence W.**

A model for the distributed storage and processing of large arrays, 85-13180

**Precision Devices, Ltd.**

Design and construction of equipment items for geophysical fluid flow models, 85-13163

**President's Commission on White House Fellowships (U.S.)**

The White House fellowships., 85-13495

**Price, Don, 1929-**

Map showing selected surface-water data for the Huntington 30 x 60-minute quadrangle, Utah /, 85-12892

Map showing selected surface-water data for the Manti 30 x 60-minute quadrangle, Utah /, 85-12889

Map showing selected surface-water data for the Nephi 30 x 60-minute quadrangle, Utah /, 85-12890

Map showing selected surface-water data for the Price 30 x 60-minute quadrangle, Utah /, 85-12891

**Price, Kevin P.**

Land use inventory of Salt Lake County, Utah from color infrared aerial photography, 1982, 85-13378

**Price, William E.**

A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319

**Price, Williams, and Associates.**

Transportation network analysis : intersection analysis, users' guide : a guide to the intersection analysis features of the UTPS program UROAD /, 85-13624

**Princeton University.**

Final technical report to National Aeronautics and Space Administration for contract #NAS5-24486, 85-13415

**Princeton University. Dept. of Geological and Geophysical Sciences.**

Magnetic properties of Martian surface material, 85-13243

**Printy, Matthew F.**

A kinetic energy study of the meso B-scale storm environment during AVESESAME V (20-21 May 1979) /, 85-13139

**Program on Educational Policy and Organization (U.S.)**

Kaleidoscopes : emerging patterns of response and action in ECIA case studies of Chapter 2 in selected states /, 85-12471

**Pronk, Toon.**

Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyukuk lowland, Alaska, 85-12824

**Prost, G. L.**

Geologic map and coal sections of the Pine Ridge quadrangle, Moffat County, Colorado, 85-12817

**Purdue University. School of Aeronautics and Astronautics.**

Optimal cooperative control synthesis applied to a control-configured aircraft, 85-13162

Three-dimensional measurements of fatigue crack closure, 85-13286

**Purves, L.**

Statistical correlation of structural mode shapes from test measurements and NASTRAN analytical values, 85-13114

**Pyburn and Odum.**

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide /, 85-13641

**Q****Quadrex Corporation.**

Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740

**Quayle, Brian.**

Measurement of transmission loss characteristics using acoustic intensity techniques at the KU-FRL acoustic test facility, 85-13216

**Quinn, Robert D.**

Thermal response of space shuttle wing during reentry heating, 85-13106

**Quintana, C. A.**

Heterogeneous oxidative degradation in irradiated polymers /, 85-13731

**R****Radhakrishnan, Krishnan.**

Comparison of numerical techniques for integration of stiff ordinary differential equations arising in combustion chemistry /, 85-13467

**Rafer, Bonnie L.**

A Brief history of Farmers Home Administration /, 85-11972

**Raftery, James P.**

Summary of trade and tariff information : butadiene, ethylene and other major primary olefins, and certain other hydrocarbons, TSUS items 429.50-429.56., 85-12974

**Raines, G. L. (Gary L.)**

Preliminary map of limonitic hydrothermal alteration for portions of the Needles 1°x 2°quadrangle, Arizona and California, 85-12816

**Rajala, Sarah A.**

An evaluation of the directed flow graph methodology, 85-13269

**Rank, David M.**

Astronomical application of IR CID technology, 85-13154

**Ray, Ranjan.**

Advanced powder metallurgy aluminum alloys via rapid solidification technology, 85-13201

**Ray, S. K., 1962-**

Three-dimensional measurements of fatigue crack closure, 85-13286

**Ray W. Herrick Laboratories.**

Noise path identification using face-to-face and side-by-side microphone arrangements, 85-13299

**Reagan, Ronald.**

Deferrals : message from the President of the United States transmitting a report on four new deferrals of budget authority for fiscal year 1983, and one revision to a previously reported deferral of budget authority, pursuant to sections 1013(a) and 1014(c) of Public Law 93-344., 85-13675

Joint session of Congress : message from the President of the United States transmitting his Central America policy., 85-13676

Rededication to the cause of human rights : December 10, 1984 /, 85-13519

Review of United States strategic forces : communication from the President of the United States transmitting a detailed technical assessment review of U.S. strategic forces, pursuant to sub-

- section 7 of Title V, Public Law 97-377., 85-13673
- Settlement of the Cyprus question :** communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary General of the United Nations, pursuant to 22 U.S.C. 2373(c)., 85-13680
- Supplemental appropriations :** communication from the President of the United States transmitting proposed supplemental appropriations for fiscal year 1984 and amendments to the request for appropriations for the fiscal year 1984., 85-13674
- Veto of H.R. 1362 :** message from the President of the United States vetoing H.R. 1362, a bill for the relief of Joseph Karel Hasek., 85-13679
- Reddig, W. Grant.**  
Land management programs for agriculture in southwest Georgia /, 85-11996
- Redick, Richard W., 1926-**  
Distribution of psychiatric beds, United States and each state, 1982 /, 85-12712  
State and county mental hospitals, United States, 1980-81 and 1981-82 /, 85-12711
- Reece, W. D.**  
Neutron dosimetry at commercial nuclear plants : final report of subtask C, "He neutron spectrometer /, 85-13730
- Reed, Helen L.**  
Six-month progress report on an analysis of wave interactions in swept-wing flows, 85-13312
- Reed, J. E.**  
Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Oregon /, 85-12778  
Maps showing ground-water units and number of large capacity wells basin and range province, Oregon /, 85-12777  
Maps showing ground-water units and withdrawal, ground-water levels, springs, and depth to ground waters, basin and range province, Northern California /, 85-12757  
Maps showing ground-water units, ground-water levels, springs, and depth to ground waters, basin and range province, Idaho /, 85-12765
- Reeder, Richard J.**  
Nonmetropolitan fiscal indicators : a review of the literature /, 85-11983
- Reeves, C. Richard.**  
Feasibility of ultrasonic and other methods for direct measurement of condenser biofouling /, 85-12506
- Regan, Janice.**  
Anisotropic models of the upper mantle, 85-13255
- Reiter, L. J.**  
Summary of photovoltaic system performance models, 85-13325
- Remington, Susan B.**  
Potential effects of the fuelwood market on wood-using industries in northern New England and New York /, 85-11920
- Rengstorff, George W. P.**  
Interaction of sulfuric acid corrosion and mechanical wear of iron, 85-13075
- Research on Evaluation Program (Northwest Regional Educational Laboratory)**  
Needs assessment summary : cost analysis, policy analysis, and other evaluation methods /, 85-12446
- Rexrode, Charles O.**  
Black cherry site index curves for the Allegheny Plateau /, 85-11900
- Ribando, Marc.**  
Recreation benefits from an improvement in water quality at St. Albans Bay, Vermont /, 85-11988
- Rice, Daniel P.**  
Investigation of radiometric properties of the LANDSAT-4 multispectral scanner, 85-13376
- Rice, Robert F.**  
The development of efficient coding for an electronic mail system, 85-13227
- Rich, William J.**  
The contact lens industry : structure, competition, and public policy /, 85-13754
- Richardson, Bland Z.**  
Viability of seed produced on highly sodic coal mine spoils /, 85-11914
- Richter, Donald H.**  
Mineral resource potential of the Silver City 1"x 2" quadrangle, New Mexico-Arizona, 85-12839
- Rietveld, W. J.**  
Weed control for establishing intensively cultured hybrid poplar plantations /, 85-11918
- Riley, Charles E.**  
Interrogation after assertion of rights /, 85-12996
- Riley, James J. (James Joseph), 1944-**  
Direct simulations of chemically reacting turbulent mixing layers, 85-13391
- Riley, Patricia, 1951-**  
Developing models and public education in home equity conversion for a rural state : final report of Maine's Home Equity Conversion Task Force /, 85-12721
- Rinfrette, Kay.**  
Southern Regional Research Center., 85-11966
- Rio Grande Water Conservation District.**  
Quality of ground water in agricultural areas of the San Luis Valley, South-Central Colorado /, 85-12788
- Robert S. Kerr Environmental Research Laboratory.**  
Methods for determining the mechanical integrity of class II injection wells /, 85-12491  
Use of short-term bioassays to evaluate environmental impact of land treatment of hazardous industrial waste /, 85-12494
- Roberts Associates, Incorporated.**  
Analysis of electrophoresis performance, 85-13172
- Roberts, Glyn O.**  
Analysis of electrophoresis performance, 85-13172
- Roberts, M. E.**  
Summary of radiometric anomalies in Alaska, 85-12806
- Robertson, A. C., 1921-**  
Space station needs, attributes, and architectural options, 85-13292
- Robertson, S. James.**  
Manufacturing in space : fluid dynamics numerical analysis, 85-13435
- Robinson, John P., 1939-**  
Error latency estimation using functional fault modeling, 85-13230  
Segmented testing, 85-13217
- Robinson, Robert T.**  
Environmental support specialist (AFSC 56651) /, 85-12399
- Rochefort, M. A.**  
Nonlinear viscoelastic characterization of structural adhesives, 85-13193
- Rochester Institute of Technology. School of Photographic Arts and Sciences.**  
LANDSAT 4 band 6 data evaluation, 85-13365, 85-13375

**Rock, Michael.**

Annual report to National Aeronautics and Space Administration for characterization of physico-chemical properties of polymeric and electrochemical materials for aerospace flight, 85-13438

**Rockwell International. Shuttle Integration & Satellite Systems Division.**

Space station, 85-13308

**Rocky Mountain Forest and Range**

Experiment Station (Fort Collins, Colo.)

Biology of dwarf mistletoes : proceedings of the symposium, August 8, 1984, Colorado State University, Fort Collins /, 85-11942

Demand for commercially delivered domestic fuelwood in Colorado, 1980 /, 85-11925

Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

Effects of weather and physiographic conditions on temperature and humidity in subalpine watersheds of the Fraser Experimental Forest /, 85-11904

Empirical estimates of amenity forest values : a comparative review /, 85-11941

Optimum temperatures for growth of southern Rocky Mountain Engelmann spruce and Douglas-fir seedlings /, 85-11924

Pocket gopher food habits on two disturbed forest sites in central Arizona /, 85-11906

Service life of treated and untreated Rocky Mountain area fenceposts : a progress report /, 85-11923

**Rodgers, Edward B.**

Kinematic analysis of Hurricane Frederick (1979) using satellite, aircraft and rawinsonde data, 85-13451

**Rodriguez, Andres F.**

Design considerations for a <sup>3</sup>He refrigerator for space applications, 85-13112

**Rodriguez, R. R., 1938-**

Early warning and crop condition assessment, 85-13418

**Roeke, Richard J.**

Cold-air performance of compressor-drive turbine of Department of Energy upgraded automobile gas turbine engine, 85-13051

**Rogers, James L.**

An implementation of the distributed programming structural synthesis system (PROSS), 85-13045

An implementation of the programming structural synthesis system (PROSS), 85-13043

**Roggensack, Kurt.**

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Southern California /, 85-12764, 85-12776

**Roof, James B. (James Bergen), 1931-**

Marketing operations of dairy cooperatives /, 85-12009

**Rose, D. M.**

CARE III model overview and user's guide, 85-13095

**Rose, Elizabeth C.**

Environmental, health, and safety assessment of photovoltaics, 85-13327

**Rosenthal, Dan E.**

Experiments in control of flexible structures with noncollocated sensors and actuators, 85-13423

**Rosenthal, Norman E.**

Seasonal effects on mood : the role of light /, 85-12708

**Roskam, Jan, 1930-**

General aviation aircraft interior noise problem, 85-13357

**Ross, Bernd.**

Development of an all-metal thick film cost effective metallization system for solar cells, 85-13345

**Rouse, William B.**

Pilot interaction with automated airborne decision making systems : semiannual progress report, March 1983-August 1983, 85-13355

**Rowley, Peter D.**

Geologic map of Dinosaur National Monument and vicinity, Utah and Colorado /, 85-12888

**Roy F. Weston, inc.**

Value engineering for wastewater treatment works /, 85-12520

**Roy Littlejohn Associates.**

Exploring parenting /, 85-12720

**Ruberte, Ruth M.**

Growing food in containers in the Tropics /, 85-11969

**Rubin, Arthur I.**

Interim design guidelines for automated offices /, 85-12088

**Running, S. W.**

Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

**Russell, Jesse Rhodes.**

Use and cost of soil conservation and water quality practices in the Southeast /, 85-11984

**Rutherford, Norman F.**

Pavement and shoulder maintenance performance guides., 85-13596

**Ryan, Phyllis P.**

Demand for commercially delivered domestic fuelwood in Colorado, 1980 /, 85-11925

**Rytuba, James J.**

Geologic map of the Pole Canyon quadrangle, Harney County, Oregon, 85-12811

Geologic map of the Red Mountains quadrangle, Harney County, Oregon, 85-12810

**S****Sack, David A.**

Seasonal effects on mood : the role of light /, 85-12708

**Salmasi, Ali B.**

Land mobile satellite service (LMSS) channel simulator, 85-13332

**San Francisco State University.**

Nonverbal factors in the education of Chinese American children : a film study /, 85-12470

**San Jose State University.**

Application of surface acoustic wave devices to radio telemetry, 85-13273

**Sandberg, Nancy.**

A trend study of high school offerings and enrollments : 1972-73 and 1981-92 /, 85-12442

**Sandia National Laboratories.**

An assessment of terminal blocks in the nuclear power industry /, 85-13732

Characterization of nuclear reactor containment penetrations /, 85-13735

CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions /, 85-13738

Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures /, 85-13733

Environmental, health, and safety assessment of photovoltaics, 85-13327

Heterogeneous oxidative degradation in irradiated polymers /, 85-13731

Interim reliability evaluation program : analysis of the Calvert Cliffs, unit 1 nuclear power plant /, 85-13729

Materials licensing study : phase 1., 85-13724

- PLUGM**, a coupled thermal-hydraulic computer model for freezing melt flow in a channel /, 85-13722
- Requirements for a transformerless power conditioning system, 85-13330
- Simulation of groundwater flow and contaminant transport using the deterministic-probabilistic contaminant transport (DPCT) model /, 85-13720
- X-ray measurements of water fog density /, 85-13719
- Santa Barbara (Calif.)**  
Ground-water monitoring at Santa Barbara, California : phase 2-effects of pumping on water levels and on water quality in the Santa Barbara Ground-water basin /, 85-12738
- Sargent, Kenneth A.**  
Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Nevada /, 85-12776
- Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon /, 85-12780
- Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico /, 85-12772
- Map showing outcrops of granitic rocks, ash-flow tuff, and lahatic breccia, basin and range province, Idaho /, 85-12767
- Sand-calcite crystals from Garfield County, Utah /, 85-12737
- Sarraffian, Shahan K.**  
Evaluation of HiMAT aircraft landing approach lateral control gearing using simulation and a visual display, 85-13085
- Saville-Troike, Muriel, 1936-**  
A guide to culture in the classroom /, 85-12444
- Saxena, Nirmal R.**  
Error latency estimation using functional fault modeling, 85-13230
- Scarborough, Robert B.**  
Map showing outcrops of granitic rocks, basin and range province, Arizona /, 85-12753
- Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, Arizona /, 85-12756
- Scharpf, Robert F., 1931-**  
Biology of dwarf mistletoes : proceedings of the symposium, August 8, 1984, Colorado State University, Fort Collins /, 85-11942
- Scharrer, Gregory Lloyd.**  
Swirl, expansion ratio and blockage effects on confined turbulent flow, 85-13425
- Schattenberg, Herbert J.**  
EPA method study 16, method 606, phthalate esters /, 85-12502
- Schatz, Michael.**  
Performance capabilities of the 12-centimeter xenon ion thruster, 85-13059
- Schetz, Joseph A.**  
Real jet effects on dual jets in a cross-flow, 85-13361
- Schless, James R.**  
Rational-spline approximation with automatic tension adjustment /, 85-13466
- Schiffrin, Leonard G.**  
The contact lens industry : structure, competition, and public policy /, 85-13754
- Schiner, George R., 1926-**  
Potentiometric surface of the Floridan aquifer Southwest Florida Water Management District, September 1983, 85-12821
- Schlaegel, Bryce E.**  
Sweetgum volume and weight tables /, 85-11912
- Schleppenbach, Frank X.**  
Water filtration at Duluth /, 85-12489
- Schlinger, Charles Martin.**  
Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAGS-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies', 85-13414
- The magnetic petrology of the deep crust and the interpretation of regional magnetic anomalies, 85-13439
- Schmidt, D. K.**  
Optimal cooperative control synthesis applied to a control-configured aircraft, 85-13162
- Schmitz, Richard F.**  
A passive aerial barrier trap suitable for sampling flying bark beetles /, 85-11915
- Schock, Richard W.**  
An investigation into the probabilistic combination of quasistatic and random accelerations, 85-13038
- Schowengerdt, Robert A.**  
LANDSAT-4 thematic mapper modulation transfer function (MTF) evaluation, 85-13377
- Schroeder, Mark A.**  
Technical irrigation pumping plant test procedure manual /, 85-12420
- Schroeder, Rick.**  
Appraisal study of saline water use equipment for power plant cooling /, 85-12901
- Schuster, P. R.**  
A durability study of pericardial bioprostheses, 85-13238
- Schwartz, Richard Alan.**  
High resolution hard x-ray spectra of solar and cosmic sources, 85-13266
- Schwartz, Richard L., 1954-**  
An Interval logic for higher-level temporal reasoning, 85-13185
- Scott, Marie.**  
Collaborative for Alabama Urban School Educators : final report /, 85-12469
- Seader, George J.**  
Maintenance scheduling specialist (AFSC 39250) /, 85-12394
- Seames, Wayne S.**  
Feasibility of ultrasonic and other methods for direct measurement of condenser biofouling /, 85-12506
- Seasholtz, Richard G.**  
Three component velocity measurements using Fabry-Perot interferometer, 85-13064
- Seattle (Wash.). Engineering Dept.**  
Priority accessible network for the elderly and handicapped in Seattle., 85-13595
- Segal, Phyllis, 1927-**  
Recommendations for quality assurance programs in nuclear medicine facilities /, 85-12686
- Sendak, Paul E.**  
Potential effects of the fuelwood market on wood-using industries in northern New England and New York /, 85-11920
- Sendulsky, Tatiana.**  
Revision of the South American genus Otachyrium (Poaceae: Panicoideae) /, 85-13549
- Senter, Paul K.**  
Users guide : computer program for optimum dynamic design of nonlinear metal plates under blast loading (CSDOOR) /, 85-12321

**Sergeyevsky, Andrey B.**

Interplanetary mission design handbook, 85-13324

Planetary geometry handbook, 85-13220, 85-13221

**Serkiz, A. W.**

Evaluation of water hammer occurrence in nuclear power plants : technical findings relevant to Unresolved Safety Issue A-1 /, 85-13709

**Severinghaus, W. D. (William D.)**

Effects of tracked vehicle activity on higher vertebrate populations at Army installations /, 85-12329

**Seville Training Systems Corporation.**

Training effectiveness evaluation and utilization demonstration of a low cost cockpit procedures trainer /, 85-12339

**Sexton, D. E.**

Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740

**Seyed-Yagoobi, J.**

Optimization of cooled shields in insulations, 85-13153

**Shacklette, Hansford T.**

Factor analysis of the chemistry of Spanish moss /, 85-12743

**Shane, Maxine F.**

Taylor Grazing Act in Nevada, 1934-1984., 85-12961

**Sharp, William N. (William Neil), 1922-**

Mineral resource potential of the Silver City 1°x 2° quadrangle, New Mexico-Arizona, 85-12839

**Shaw, Charles.**

Considerations on command and response language features for a network of heterogeneous autonomous computers, 85-13117

**Shaw, J. H.**

Analysis of carbon dioxide bands near 2.2 um, 85-13275

**Shaw, Milton Clayton, 1915-**

Influence of soft inclusions on the strength of wrought materials, 85-13277

**Sheehan, Martin D.**

Defensive system trainer specialist (AFSC 34152) /, 85-12393

**Sheffler, Keith D.**

Materials for advanced turbine engines (MATE) : Project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner /, 85-13399, 85-13400

**Shelton, J. Paul.**

A comparative study of linear array synthesis technique using a personal computer /, 85-12362

**Shendrikar, A. D.**

Collection efficiency evaluation of mercury-trapping media for the SASS train impinger system /, 85-12515

**Shepard, Donald S.**

The market for wheelchairs : innovations and federal policy /, 85-13753

**Sheppard Air Force Base (Tex.). 3770th Technical Training Group.**

Corrosion control /, 85-12407

**Sheppard, N. Alan.**

A policy analysis of professional development and personnel preparation for serving special populations /, 85-12429

**Shinkwin, Anne D.**

Making good boys better : nonformal education in Boy Scouts /, 85-12464

**Shivakumar, K. N.**

Delamination growth analysis in quasi-isotropic laminates under loads simulating low-velocity impact, 85-13097

**Short, David A.**

Nimbus 7 SMMR derived seasonal variations in the water vapor, liquid water and surface winds over the global oceans, 85-13115

**Shumate, Michael S.**

Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231

**Sichel, Joyce L.**

Fines in sentencing : a study of the use of the fine as a criminal sanction /, 85-13001

**Simmonds Precision (Firm). Instrument Systems Division.**

Study of effects of fuel properties in turbine-powered business aircraft, 85-13388

**Simpson, B. Mitchell (Benjamin Mitchell), 1937-**

Sailors and scholars : the centennial history of the U.S. Naval War College /, 85-12338

**Simpson, R. L.**

Final report to The National Aeronautics and Space Administration, Langley Research Center on grant NAG-317 entitled an experimental study of the properties of surface pressure fluctuations in strong adverse pressure gradient turbulent boundary layers, 1 December 1982 to 31 January 1984, 85-13441

**Singh, Jag J.**

An investigation of chemically-induced improvement in saturation moisture characteristics of epoxies, 85-13099

**Singley, Maurice E.**

Pattern recognition for space applications center director's discretionary fund, 85-13039

**Sirois, Donald L.**

Drive-to-tree, rubber-tired feller buncher production studies /, 85-11944

**Skiles, James J.**

A simple transmission network planning method : Wisconsin power plant impact study /, 85-12496

**Skipp, Betty, 1928-**

Geology, geochemistry, and mineral resource potential of the Eighteenmile Wilderness study area p (ID-43-3), Lemhi County, Idaho, 85-12834

**Skipper, Mary F.**

Disaster preparedness specialist (AFSC 24250) /, 85-12384

Space communications systems equipment operator/specialist (AFSC 30456) /, 85-12388

**Skogan, Wesley G.**

The National crime survey : working papers /, 85-13006

**Slater, Philip N.**

Fifth quarterly report on "Spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13437

Fourth quarterly report on "spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13383

**Sloney, Harold E.**

Evaluation of two polyimides and of an improved liner retention design for self-lubricating bushings, 85-13076

**Slowey, Jack W.**

Dynamic model of the Earth's upper atmosphere /, 85-13142

**Smith, G.C.C.**

NASTRAN forced vibration analysis of rotating cyclic structures, 85-13362

**Smith, Harlan J.**

[NASA-Texas planetary program], 85-13358

**Smith, J. H.**

Summary of photovoltaic system performance models, 85-13325

**Smith, James Lee.**

Pyrotechnic shock, 85-13037

- Smith, Jana Kay.**  
Needs assessment summary : cost analysis, policy analysis, and other evaluation methods /, 85-12446
- Smith, Mark E.**  
Measurement of local connective heat transfer coefficients of four ice accretion shapes, 85-13397
- Smith, Paul H.**  
Navy electricity and electronics training series., 85-12346
- Smith, T. B. (T. Basil)**  
Development and evaluation of a fault-tolerant multiprocessor (FTMP) computer, 85-13194
- Smith, William French, 1917-**  
Challenge, change, and achievement : the Department of Justice, 1981-1985 : a report to employees /, 85-12986
- Smithsonian Astrophysical Observatory.**  
Dynamic model of the Earth's upper atmosphere /, 85-13142  
Investigation of dynamic noise affecting geodynamics information in a tethered subsatellite, 85-13264  
Mineralogic and petrologic studies of meteorites and lunar samples, 85-13424  
Satellite-tracking and earth dynamics research programs, 85-13212  
Theoretical studies of x-ray emission from supernova remnants and other non-equilibrium astrophysical plasmas, 85-13428
- Smithsonian Institution. Office of Elementary and Secondary Education.**  
In pursuit of wild geese : teaching creative thinking : Smithsonian approach /, 85-13544
- Smithsonian Institution. Press.**  
Annual report /, 85-13550  
The genus *Brachycentrus* in North America, with a proposed phylogeny of the genera of *Brachycentridae* (Trichoptera) /, 85-13546  
Perfect in her place : women at work in industrial America /, 85-13545  
Revision of North American *Liris* Fabricius (Hymenoptera: Sphecidae, Liridae) /, 85-13548  
Revision of the South American genus *Otachyrium* (Poaceae: Panicoideae) /, 85-13549  
Variation, systematics, and zoogeography of *Eleutherodactylus guentheri* and closely related species (Amphibia: Anura, Leptodactylidae) /, 85-13547
- Snively, Parke Detweiler, 1919-**  
Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835
- Snow, W. L.**  
Video model deformation system for the national transonic facility, 85-13092
- SNV Studiengesellschaft Nahverkehr.**  
Development/deployment investigation of Cabintaxi/Cabinlift system /, 85-13626
- Snyder, David B.**  
Characteristics of arc currents on a negatively biased solar cell array in a plasma, 85-13082
- Snyder, Wesley E.**  
An evaluation of the directed flow graph methodology, 85-13269
- So, Ronald M. C.**  
An experimental investigation of gas jets in confined swirling air flow /, 85-13141
- Sobieszanski-Sobieski, Jaroslaw.**  
An implementation of the programming structural synthesis system (PROSS), 85-13043
- Soderman, Paul T.**  
Effect of boattail geometry on the aerodynamics of parallel baffles in ducts, 85-13113
- Soderstrom, Thomas R.**  
Revision of the South American genus *Otachyrium* (Poaceae: Panicoideae) /, 85-13549
- Solarex Corporation.**  
Process research in polycrystalline silicon material (PROPSM), 85-13340  
Process research on polycrystalline silicon material (PROPSM), 85-13339
- Solavolt International.**  
Qualification testing of solar photovoltaic powered refrigerator freezers for medical use in remote geographic locations, 85-13155
- Sollfrey, W.**  
Interference problems for nongeostationary satellites, 85-13307
- Soltis, Lawrence A.**  
Racking performance of light-frame walls sheathed on two sides /, 85-11892
- Sonett, Charles P.**  
Development INTERDATA 8/32 computer system, 85-13449
- Sorenson, Vernon C.**  
Airborne communications systems operator (AFSC 11650) /, 85-12382, 85-12383
- Sorg, Cindy F.**  
Empirical estimates of amenity forest values : a comparative review /, 85-11941
- Soukup, W. G.**  
Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota /, 85-12789
- South Dakota Agricultural Experiment Station.**  
Soil survey of Gregory County, South Dakota /, 85-11959
- South, David W.**  
Sunnyside combined hydrocarbon lease conversion : socioeconomic technical report /, 85-12960
- Southeastern Colorado Water Conservancy District.**  
Water-resources appraisal of the upper Arkansas River basin from Leadville to Pueblo, Colorado /, 85-12749
- Southeastern Forest Experiment Station (Asheville, N.C.)**  
Empirical yields of timber and forest biomass in the Southeast /, 85-11907  
Forest research in the Southeast : recent publications of the Southeastern Forest Experiment Station /, 85-11891  
Forest statistics for the northern coastal plain of North Carolina, 1984 /, 85-11933  
Stand structure and yields of site-prepared loblolly pine plantations in the lower Coastal plain of the Carolinas, Georgia, and north Florida /, 85-11943
- Southern Forest Experiment Station (New Orleans, La.)**  
Deer and cattle forage selection on Louisiana pine-hardwood sites /, 85-11908  
Drive-to-tree, rubber-tired feller buncher production studies /, 85-11944  
Growth, thinning treatments, and soil properties in a 10-year-old cottonwood plantation on a clay site /, 85-11927  
Microhistological techniques for food habits analyses /, 85-11910  
Nuttall oak direct seedlings still successful after 11 years /, 85-11926  
Sweetgum volume and weight tables /, 85-11912  
Ten-year growth of five planted hardwood species with mechanical weed control on Sharkey clay soil /, 85-11928  
Use valuation of Louisiana's rural lands : short-run fiscal impacts /, 85-11909  
Wood shipments to Puerto Rico /, 85-11911
- Southern Methodist University.**  
Final report to The National Aeronautics and Space Administration, Langley Research Center on grant NAG-317 entitled

## Southern Methodist University.

tled an experimental study of the properties of surface pressure fluctuations in strong adverse pressure gradient turbulent boundary layers, 1 December 1982 to 31 January 1984, 85-13441

### Southwest Fisheries Center.

Collected reprints /, 85-12109

### Southwest Florida Water Management District.

Potentiometric surface of the Floridan aquifer Southwest Florida Water Management District, September 1983, 85-12821

Water resources and data-network assessment of the Manasota Basin, Manatee and Sarasota Counties, Florida /, 85-12748

### Sovey, J. S.

Space station propulsion analysis study, 85-13073

### Space Symposium (1984 : Washington, D.C.)

Space Symposium 1984 : America plans for space, 6-7 December 1984., 85-12220

### Spaceborne Imaging Radar Symposium (1983 : Pasadena, Calif.)

Spaceborne Imaging Radar Symposium, 85-13215

### Spanish Speaking Community of Maryland, Inc.

Final report on ESL instruction for adult immigrants from North & Central America /, 85-12449

### Spearman, M. Leroy.

Scientific and technical training in the Soviet Union, 85-13123

Unconventional missile concepts from consideration of varied mission requirements, 85-13101

### Spears, Rebecca J.

A simple model for estimating total and merchantable tree heights /, 85-11916

### Special Education Programs (U.S.). Division of Personnel Preparation.

Teaching severely handicapped students to perform meaningful work in non-sheltered vocational environments : draft /, 85-12455

### Spector, Ronald H., 1943-

Advice and support., 85-12335

### Spectra Research Systems (Firm).

#### Southeastern Operations.

Bearing tester data compilation, analysis, and reporting and bearing math modeling, 85-13175

### Spira, Melvin.

A study of stress-free living bone and its application to space flight, 85-13176

### Spoerri, Daniel, 1930-

Crop output growth : changes in component contributions for six developing countries /, 85-11993

### Sposato, Stephen.

West Germany : the effect of agricultural policy on production and trade /, 85-11990

### Springborn Laboratories.

Investigation of test methods, material properties, and processes for solar cell encapsulants, 85-13336, 85-13341

### Strawley, John E.

Mode II fatigue crack growth specimen development, 85-13078

### SRI International.

An Interval logic for higher-level temporal reasoning, 85-13185

Investigation, development, and evaluation of performance proving for fault-tolerant computers, 85-13150

### Srinivasan, R. (Ram), 1947-

On modeling dilution jet flowfields, 85-13070

### St. Clair, Terry L.

An investigation of chemically-induced improvement in saturation moisture characteristics of epoxies, 85-13099

### St. Louis University. Dept. of Earth and Atmospheric Sciences.

A kinetic energy study of the meso B-scale storm environment during AVE-SESAME V (20-21 May 1979) /, 85-13139

### Stafford, Thomas H.

Marketing operations of dairy cooperatives /, 85-12009

### Stallings, Jane.

Developer/demonstration project : a program to train apprentices to lead in-service workshops for secondary teachers of basic skills : final report /, 85-12475

### Stanford University. Center for Space Science and Astrophysics.

The impulsive hard x-rays from solar flares, 85-13452

### Stanford University. Thermosciences Division.

Six-month progress report on an analysis of wave interactions in swept-wing flows, 85-13312

### Stapleton, B. P.

MLS/airplane system design, 85-13200

### Stark, J. R.

Maps showing ground-water units and withdrawal, basin and range province, Utah /, 85-12784

## Author Index

### State University of New York.

Demonstration of angular anisotropy in the output of thematic mapper, 85-13421

### Stearns, Charles R.

Instrumentation, recording, and processing of meteorological data near Portage, Wisconsin : Wisconsin power plant impact study /, 85-12497

### Stefanik, Michael.

Observations of the earth's magnetic field from the space station, 85-13120

### Stefko, George L.

Application of an optimization method to high performance propeller designs, 85-13072

### Steger, Joseph L.

An efficient approximate factorization implicit scheme for the equations of gas-dynamics, 85-13110

### Stein, N. P.

Environmental assessment and overview of biotechnology process applications /, 85-12511

### Steinetz, Bruce M.

An Advanced pitch change mechanism incorporating a hybrid traction drive, 85-13071

### Stephens, A. G.

BWR Full Integral Simulation Test (FIST) program facility description report /, 85-13718

### Stevens, K. G.

Study of the mapping of Navier-Stokes algorithms onto multiple-instruction/multiple-data-stream computers, 85-13108

### Stickley, Allen R.

Histoplasmosis and its relation to bird roosts : a review /, 85-12952

### Stiles, William H.

Microwave remote sensing of snow, 85-13373

### Stoakley, Diane M.

An investigation of chemically-induced improvement in saturation moisture characteristics of epoxies, 85-13099

### Stoiber, Richard E.

Investigation of forestry resources and other remote sensing data, 85-13419

### Story, Gwen W.

Diet therapy specialist (AFSC 62251) /, 85-12400

### Stoughton, John W.

Preliminary study of (2-D) digital filtering for dealeasing NOSS wind direction data, 85-13207

- Stout, Susan L. (Susan Laurane)**  
Prescribing silvicultural treatments in hardwood stands of the Alleghenies /, 85-11939
- Stover, William K.**  
Automated fingerprint identification : regional application of technology /, 85-12994
- Strangman, T. E.**  
Low-cost single-crystal turbine blades /, 85-13156
- Strasilla, Udo.**  
Application of surface acoustic wave devices to radio telemetry, 85-13273
- Strome, W. M.**  
CCRS proposal for evaluating LANDSAT-4 MSS and TM data, 85-13422
- Strong, Terry F.**  
Biomass production of 12-year-old intensively cultured *Larix eurolepis* /, 85-11919
- Stults, Harold M.**  
Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation /, 85-11986
- Stultz, J.**  
Bumper tests of a 1979 Ford LTD retrofitted with Romeo-Kojyo and breed all mechanical air bag sensor systems./, 85-13633  
MDB-to-car side impact test of a 19 crabbled moving deformable barrier to a 1976 Volkswagen Rabbit at 34.3 MPH /, 85-13630, 85-13631
- Sturgill, Ruthy.**  
Joint airdrop inspection records, malfunction investigations, and activity reporting : operations., 85-12369
- Sturos, Joseph B.**  
Mechanized red pine tree planting operation : a time study /, 85-11917
- Suelter, James A.**  
Apprentice operations systems management specialist (AFSC 27132) /, 85-12385
- Suits, Gwynn H.**  
An analysis of spectral discrimination between corn and soybeans using a row crop reflectance model, 85-13372
- Sullivan, J. P.**  
Comparison of results of United States and Soviet dissolved oxygen measurements in water by the Winkler method /, 85-12098
- Sullivan, Timothy L.**  
Effect of vortex generators on the power conversion performance and structural dynamic loads of the Mod-2 wind turbine, 85-13062
- Sumter County Recreation and Water Conservation and Control Authority (Fla.)**  
Potentiometric surface of the Floridan aquifer in central Sumter County, Florida, May 1983, 85-12818
- Suydam, Marilyn N.**  
Research on mathematics education reported in 1983 /, 85-12472
- Swann, Nina.**  
Australian beef production and exports /, 85-11997
- Swanson, J. L.**  
Organic complexant-enhanced mobility of toxic elements in low-level wastes : annual report /, 85-13743
- Sykes, George F.**  
Space radiation effects on graphite-epoxy composite materials, 85-13088
- Systems and Applied Sciences Corporation.**  
The use of linear feature detection to investigate thematic mapper data performance and processing, 85-13381
- T**
- Takahashi, K. I.**  
Wells drilled for oil and gas deeper than 15,000 feet in the conterminous United States and offshore, 85-12822  
Wells drilled for oil and gas deeper than 20,000 feet in the conterminous United States and offshore, 85-12823
- Talbot, J. M.**  
Research opportunities in muscle atrophy, 85-13446
- Tanenbaum, Sandra J.**  
The Boston elbow /, 85-13752
- Tanner, J. E.**  
Neutron dosimetry at commercial nuclear plants : final report of subtask C, <sup>2</sup>He neutron spectrometer /, 85-13730
- Tanner, John A.**  
Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires /, 85-13462
- Tappan, Donald V.**  
Blood volume responses in partially dehydrated subjects working in the cold /, 85-12341
- Tatsch, C. E.**  
Particulate data reduction (PADRE) system reference manual /, 85-12517
- Taubenheim, J.**  
Middle Atmosphere Program : handbook for MAP., 85-13131
- Taylor, Taliaferro H.**  
Autonomous omnidirectional spacecraft antenna system, 85-13406
- Technical Information Systems (U.S.)**  
Inventory of agricultural research /, 85-12002, 85-12003
- Technical Resources, Inc.**  
Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661
- Technology Sharing Program (U.S.)**  
Coordinated transportation demonstration results : final report /, 85-13586  
Taxi regulation in a free entry market : a case study of Washington, D.C. /, 85-13587
- Teledyne Brown Engineering Co. Space Systems Dept.**  
Research in solar physics, 85-13173
- Tennessee Valley Authority.**  
Economic outlook /, 85-13760  
Environmental research and development : a cooperative approach as demonstrated by the Tennessee Valley Authority., 85-13761  
Financial and statistical report for municipal and cooperative distributors of TVA power., 85-13758  
Power program summary., 85-13758  
Tennessee Valley Authority annual report., 85-13759
- Tennessee Valley Authority. Energy Use Test Facility Staff.**  
Residential wood heater report, phase II (1981-1983) /, 85-13763
- Tennessee Valley Authority. Office of Economic and Community Development.**  
Floods on Tennessee River and Cypress and Little John Creeks in the vicinity of Calvert City, Kentucky., 85-13762
- Tennessee Valley Authority. Office of Planning and Budget.**  
Economic outlook /, 85-13760
- Terra-Mar.**  
Alternative strategies for space station financing, 85-13443
- Texas A & M University.**  
Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157
- Texas A & M University. Dept. of Mechanical Engineering.**  
An investigation into the injection molding of PMR-15 polyimide, 85-13256
- Theimer, Otto H.**  
Speed-dependent collision effects on radar back-scattering from the ionosphere, 85-13204

**Thibault, George Edward.**

The Art and practice of military strategy /, 85-12221

**Thill, R. E.**

Deer and cattle forage selection on Louisiana pine-hardwood sites /, 85-11908

**Thomas, J. C.**

Use of short-term bioassays to evaluate environmental impact of land treatment of hazardous industrial waste /, 85-12494

**Thomas, Richard E. (Richard Earl), 1946-**

EPA method study 16, method 606, phthalate esters /, 85-12502

**Thomas, V. W.**

Borehole logging for radium-226: recommended procedures and equipment /, 85-13726

**Thompson, R. L., 1938-**

A computer program for predicting nonlinear uniaxial material responses using viscoplastic models, 85-13060

**Thompson, Robert L.**

The Brazilian soybean industry: economic structure and policy interventions /, 85-11980

**Thompson, T. W.**

A user's manual for the NASA/JPL synthetic aperture radar and the NASA/JPL L- and C-band scatterometers, 85-13232

**Thompson, Thomas H.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752, 85-12758, 85-12761, 85-12766, 85-12771, 85-12779, 85-12783, 85-12786

**Thornton, Earl A. (Earl Arthur), 1936-**

Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300

**Thrasher, Glenn P.**

Isopach map of Holocene sediment, Outer Continental Shelf between Yakutat Bay and Dry Bay, Eastern Gulf of Alaska, 85-12805

**Tidona, R. J.**

Combustion characteristics in the transition region of liquid fuel sprays, 85-13430

**Tiedemann, Drew A.**

Use of microwave oven in geotechnical applications: progress report no. 1 /, 85-12905

**Tilling, Robert I.**

Eruptions of Mount St. Helens: past, present, and future /, 85-12735

**Tilson, George.**

Vocational rehabilitation in employment training /, 85-12437

**Tinus, R. W.**

Optimum temperatures for growth of southern Rocky Mountain Engelmann spruce and Douglas-fir seedlings /, 85-11924

**Tipton, William E.**

Digital techniques: module 10005, 85-12378

**Titran, Robert H.**

Creep-rupture behavior of candidate Stirling engine alloys after long-term aging at 760°C in low-pressure hydrogen, 85-13061

**Tobak, Murray.**

Nonlinear problems in flight dynamics, 85-13107

**Townsend, Dennis P.**

An investigation of the transient thermal analysis of spur gears, 85-13080

Lubricant jet flow phenomena in spur and helical gears with modified center distances and/or addendums, 85-13079

Parameter studies of gear cooling using an automatic finite element mesh generator, 85-13077

**Townsend, Lawrence W.**

Galactic heavy-ion shielding using electrostatic fields /, 85-13127

**Townshend, John R.**

LANDSAT 4 program, 85-13366

**Tracor Jitco, Inc.**

Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661

**Transportation Systems Center.**

Development/deployment investigation of Cabintaxi/Cabinlift system /, 85-13626

**Tri-Basin Natural Resource District (Neb.)**

Descriptive, geologic, and borehole geophysical logs for 23 test holes in south-central Nebraska, 85-12827

**Trosko, James E.**

Selected abstracts on intercellular communication related to neoplasia /, 85-12667

**TRW Defense and Space Systems Group.**

Materials Processing in Space Workshop minutes, October 27-28, 1982, 85-13246

**TRW, Inc. Electronic Systems Group.**

K-band latching switches, 85-13158

**TRW Inc. Materials and Manufacturing Technology Center.**

Fabrication development for ODS-super-alloy, air-cooled turbine blades, 85-13393

**Tsang, Sau-Lim.**

Mathematics learning styles of Chinese immigrant students: final research report /, 85-12445

**Tuell, Lenox P.**

An investigation into the probabilistic combination of quasistatic and random accelerations, 85-13038

**Tulsa Metropolitan Area Planning Commission.**

7.5 minute series (topographic): [Oklahoma]. [35096-H1-TF-024]. Sapulpa South quadrangle, Oklahoma, 1958 /, 85-12855

**Tung, Leonard J.**

Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers, 85-13241

**Turner-Fairbank Highway Research Center.**

Methods of effective transfer and implementation of highway maintenance technology, 85-13594

Pavement and shoulder maintenance performance guides, 85-13596

Priority accessible network for the elderly and handicapped in Seattle, 85-13595

State laws and regulations governing settlement of highway construction contract claims and claim disputes, 85-13597

U

**U.S./U.S.S.R. Team in Plastic Films and Soil Stabilizers.**

U.S./U.S.S.R. joint studies on plastic films and soil stabilizers, 85-12899

**U.S. and Foreign Commercial Service.**

Building materials: trade list, 85-12119

**U.S. Army Aviation Center.**

Programmed text: additional reports, 85-12310

Programmed text: flight controls, TH-55, 85-12312

Programmed text: gyrocompass failure, 85-12311

Programmed text: T-53-L-13 gas turbine engine, 85-12313

Tank identification handbook, 85-12248

**U.S. Army Cold Regions Research and Engineering Laboratory.**

Baseline acidity of ancient precipitation from the South Pole /, 85-12325

Icing rate on stationary structures under marine conditions /, 85-12324

Sea ice data buoys in the Weddell Sea /, 85-12323

Toward in-situ building R-value measurement /, 85-12322

**U.S. Army Engineer Waterways Experiment Station.**

Users guide : computer program for optimum dynamic design of nonlinear metal plates under blast loading (CSDOOR) /, 85-12321

**U.S. Army Engineer Waterways Experiment Station, Hydraulics Laboratory.**

R. D. Bailey outlet works, Guyandot River, West Virginia : hydraulic model investigation /, 85-12320

**U.S. Army Harry Diamond Laboratories.**

Technology and technical assistance available to you through U.S. Army Harry Diamond Laboratories Technology Transfer Program and the Federal Laboratory Consortium for Technology Transfer., 85-12331

**U.S. Army Research Institute for the Behavioral and Social Sciences.**

Abstracts of ARI research publications., 85-12314

Evaluation of the HARDMAN comparability methodology for manpower, personnel, and training., 85-13321

**U.S. Army Signal Center and Fort Gordon.**

Message preparation ACP 127 ( ) tape format : workbook., 85-12316

**U.S. Army Training Support Center, Reserve Schools Division.**

MOS 45B small arms repairer, skill level I /, 85-12332

MOS 45N, tank turret mechanic, skill level I /, 85-12333

**U.S. Consumer Product Safety Commission.**

Coal and wood burning heating stoves., 85-13696

**U.S. Customs Service.**

Drawback : a duty refund on certain exports., 85-13556

**U.S. Customs Service, Office of Commercial Operations.**

Customs valuation rulings under the Trade Agreements Act of 1979., 85-13555

**U.S. Fish and Wildlife Service.**

Hunting : Ridgefield National Wildlife Refuge, Washington., 85-12956

Summary of research programs and facilities., 85-12954

A waterfowl habitat preservation program for the Colusa Basin : Colusa & Glenn Counties, California., 85-12955

**U.S. Fish and Wildlife Service, Region 2.**

Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy Counties, Texas /, 85-12953

**U.S. Nuclear Regulatory Commission.**

Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792

Identification and assessment of anticipated major changes in control rooms /, 85-13742

Laboratory measurements of parameters affecting wet deposition of methyl iodide /, 85-13745

Nuclear power plant personnel qualifications and training : TSORT—an automated technique to assign tasks to training strategies /, 85-13728

Simulation of groundwater flow and contaminant transport using the deterministic-probabilistic contaminant transport (DPCT) model /, 85-13720

Telephone directory /, 85-13717

**U.S. Nuclear Regulatory Commission.****Division of Fuel Cycle and Material Safety.**

Directory of certificates of compliance for radioactive materials packages., 85-13703

Materials licensing study : phase 1., 85-13724

**U.S. Nuclear Regulatory Commission.****Division of Reactor Safety Research.**

Report on large scale molten core/magnesia interaction test /, 85-13727

**U.S. Nuclear Regulatory Commission.****Division of Risk Analysis and Operations.**

Interim reliability evaluation program : analysis of the Calvert Cliffs, unit 1 nuclear power plant /, 85-13729

Task analysis of nuclear power plant control room crews /, 85-13725

**U.S. Nuclear Regulatory Commission.****Division of Waste Management.**

Alternative containers for low-level wastes containing large amounts of tritium /, 85-13741

Characterization of the low-level radioactive wastes and waste packages of the General Electric Vallecitos Nuclear Center : final report /, 85-13736

**U.S. Nuclear Regulatory Commission, Office of Management and Program Analysis.**

Topical report review status /, 85-13748

**U.S. Nuclear Regulatory Commission, Office of Nuclear Material Safety and Safeguards.**

Progress in evaluation of radionuclide geochemical information developed by DOE high-level nuclear waste repository site projects /, 85-13734

**U.S. Nuclear Regulatory Commission, Office of Nuclear Reactor Regulation.**

Draft environmental statement related to the operation of Beaver Valley Power Station, Unit 2, docket no. 50-412 : Duquesne Light Company, et al., 85-13715

Final environmental statement related to the operation of Millstone Nuclear Power Station, Unit no. 3 : docket no. 50-423, Northeast Nuclear Energy Company, et al., 85-13714

Safety evaluation report related to the full-term operating license for R.E. Ginna Nuclear Power Plant, docket no. 50-244 : Rochester Gas and Electric Corporation., 85-13710

Safety evaluation report related to the operation of Callaway Plant, Unit no. 1, docket no. STN 50-483 : Union Electric Company., 85-13708

Safety evaluation report related to the operation of Catawba Nuclear Station, Units 1 and 2 : docket nos. 50-413 and 50-414, Duke Power Company, et al., 85-13711

Safety evaluation report related to the operation of Comanche Peak Steam Electric Station, Units 1 and 2 : docket nos. 50-445 and 50-446 : Texas Utilities Generating Company, et al., 85-13706

Safety evaluation report related to the operation of Enrico Fermi Atomic Power Plant, Unit no. 2, docket no. 50-341 : Detroit Edison Company, et al., 85-13707

Safety evaluation report related to the operation of Waterford Steam Electric Station, Unit No. 3, docket no. 50-382 : Louisiana Power & Light Company., 85-13705

Technical specifications, Byron Station, Unit no. 1, docket no. STN 50-454 : appendix "A" to license no. NPF-23., 85-13716

Technical specifications, Callaway Plant, Unit no. 1 : docket no. STN 50-483 : appendix "A" to license no. NPF-30., 85-13713

Technical specifications, Waterford Steam Electric Station, Unit no. 3, docket no. 50-382 : appendix "A" to license no. NPF-26., 85-13712

Topical report review status /, 85-13748

**U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. Division of Safety Technology.**

Evaluation of water hammer occurrence in nuclear power plants : technical findings relevant to Unresolved Safety Issue A-1 /, 85-13709

Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740

**U.S. Nuclear Regulatory Commission. Office of Nuclear Reactor Regulation. Division of Systems Integration.**

CONTEMPT4/MOD5 : an improvement to CONTEMPT4/MOD4 multicompartment containment system analysis program for ice containment analysis /, 85-13744

**U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research.**

Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay /, 85-13739

Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737

**U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Accident Evaluation.**

BWR Full Integral Simulation Test (FIST) program facility description report /, 85-13718

CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions /, 85-13738

PLUGM, a coupled thermal-hydraulic computer model for freezing melt flow in a channel /, 85-13722

Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746

X-ray measurements of water fog density /, 85-13719

**U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Engineering Technology.**

Characterization of nuclear reactor containment penetrations /, 85-13735

Heterogeneous oxidative degradation in irradiated polymers /, 85-13731

PLUGM, a coupled thermal-hydraulic computer model for freezing melt flow in a channel /, 85-13722

Proceedings of the CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping : held at Monterey, California, September 1-2, 1983., 85-13747

**U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Facility Operations.**

Organizational analysis and safety for utilities with nuclear power plants /, 85-13723

**U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Health, Siting, and Waste Management.**

Earthquake hazard studies in New York State and adjacent areas /, 85-13721

**U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Division of Radiation Programs and Earth Sciences.**

Borehole logging for radium-226 : recommended procedures and equipment /, 85-13726

Neutron dosimetry at commercial nuclear plants : final report of subtask C, <sup>3</sup>He neutron spectrometer /, 85-13730

Organic complexant-enhanced mobility of toxic elements in low-level wastes : annual report /, 85-13743

**U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Instrumentation and Control Branch.**

An assessment of terminal blocks in the nuclear power industry /, 85-13732

**U.S. Nuclear Regulatory Commission. Office of Nuclear Regulatory Research. Severe Accident Assessment Branch.**

Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures /, 85-13733

**U.S. Nuclear Regulatory Commission. Office of Resource Management.**

Topical report review status /, 85-13748

**U.S. Nuclear Regulatory Commission. Three Mile Island Program Office.**

Programmatic environmental impact statement related to decontamination and disposal of radioactive wastes resulting from March 28, 1979 accident Three Mile Island Nuclear Station, Unit 2, docket no. 50-320 : final supplement dealing with occupational radiation dose, GPU Nuclear, Inc., 85-13704

**Uffer, R. A.**

Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740

**Ulaby, Fawwaz T. (Fawwaz Tayssir), 1943-**

Microwave remote sensing of snow, 85-13373

**Underwriters' Laboratories.**

Safety-related requirements for photovoltaic modules and arrays, 85-13335

**Unger, Timothy M.**

Teratology and postnatal studies in rats of the propylene glycol butyl ether and

isooctyl esters of 2,4-dichlorophenoxyacetic acid /, 85-12486

**Union Carbide Corporation.**

Flat-plate solar array project, 85-13347

**United States.**

An Act Entitled "The San Juan Basin Wilderness Protection Act of 1984.", 85-12627

An Act Making Appropriations for the Departments of Labor, Health and Human Services, and Education, and Related Agencies for the Fiscal Year Ending September 30, 1985, and for Other Purposes., 85-12636

An Act Pertaining to the Inheritance of Trust or Restricted Land on the Lake Traverse Indian Reservation, North Dakota and South Dakota, and for Other Purposes., 85-12592

An Act to Amend the Act Authorizing the Establishment of the Congaree Swamp National Monument to Provide That at Such Time as the Principal Visitor Center Is Established, Such Center Shall Be Designated as the "Harry R.E. Hampton Visitor Center," and for Other Purposes., 85-12586

An Act to Amend the Act of October 18, 1972, to Authorize Additional Authorization of Appropriations for Sitka National Historical Park, Alaska., 85-12584

An Act to Amend the Bankruptcy Amendments and Federal Judgeship Act of 1984 to Make Technical Corrections with Respect to the Retirement of Certain Bankruptcy Judges, and for Other Purposes., 85-12598

An Act to Amend the Communications Act of 1934 to Provide a National Policy Regarding Cable Television., 85-12604

An Act to Amend the Panama Canal Act of 1979 to Authorize Quarters Allowances for Certain Employees of the Department of Defense Serving in the Area Formerly Known as the Canal Zone., 85-12624

An Act to Amend the Public Health Service Act to Revise and Extend the Authorities of That Act for Assistance for Alcohol and Drug Abuse and Mental Health Services., 85-12589

An Act to Amend the River and Harbor Act of 1946., 85-12628

An Act to Amend the Tax Equity and Fiscal Responsibility Act of 1982 with Respect to the Effect of the 1985 Increase in the Federal Unemployment Tax Rate on Certain Small Business Provisions Contained in State Unemployment Compensation Laws., 85-12625

An Act to Amend the Vocational Education Act of 1963 to Strengthen and Expand the Economic Base of the Nation, Develop Human Resources, Reduce Structural Unemployment, Increase Productivity ...., 85-12596

An Act to Amend Title 38, United States Code, to Increase the Rates of Disability Compensation for Disabled Veterans and of Dependency and Indemnity Compensation for Surviving Spouses and Children of Veterans, to Increase the Rates of Subsistence and Educational Assistance Allowances ...., 85-12602

An Act to Amend Title I of the Reclamation Project Authorization Act of 1972 in Order to Provide for the Establishment of the Russell Lakes Waterfowl Management Area as a Replacement for the Authorized Mishak National Wildlife Refuge, and for Other Purposes., 85-12609

An Act to Authorize Amendments to a Certain Repayment and Water Service Contract for the Frenchman Unit of the Pick-Sloan Missouri River Basin Program., 85-12579

An Act to Authorize Appropriations for Fiscal Year 1985 to Carry Out the Natural Gas Pipeline Safety Act of 1968 and the Hazardous Liquid Pipeline Safety Act of 1979, and for Other Purposes., 85-12576

An Act to Authorize Appropriations to the Nuclear Regulatory Commission in Accordance with Section 261 of the Atomic Energy Act of 1954, and Section 305 of the Energy Reorganization Act of 1974., 85-12606

An Act to Authorize the Administrator of General Services to Transfer to the Smithsonian Institution Without Reimbursement the General Post Office Building and the Site Thereof Located in the District of Columbia, and for Other Purposes., 85-12595

An Act to Authorize the Secretary of the Interior to Enter into Contracts or Cooperative Agreements with the Art Barn Association to Assist in the Preservation and Interpretation of the Art Barn in Rock Creek Park in the District of Columbia, and for Other Purposes., 85-12585

An Act to Compensate Heirs of Deceased Indians for Improper Payments from Trust Estates to States or Political Subdivisions Thereof as Reimbursements for Old Age Assistance Received by Decedents During Their Lifetime., 85-12581

An Act to Designate Certain National Forest Lands in the State of Arizona as Wilderness, and for Other Purposes., 85-12573

An Act to Designate Certain National Forest Systems Lands in the State of Arkansas for Inclusion in the National Wilderness Preservation System, and for Other Purposes., 85-12588

An Act to Designate the Federal Building and United States Courthouse in Las Vegas, Nevada, as the "Foley Federal Building and United States Courthouse.", 85-12616

An Act to Designate the Federal Building and United States Courthouse in Ocala, Florida, as the "Golden-Collum Memorial Federal Building and United States Courthouse.", 85-12615

An Act to Designate the United States Courthouse Building in Hato Rey, Puerto Rico, as the "Clemente Ruiz Nazario United States Courthouse.", 85-12619

An Act to Designate the United States Post Office and Courthouse in Utica, New York, as the "Alexander Pirnie Federal Building.", 85-12620

An Act to Direct the Secretary of Agriculture to Convey, for Certain Specified Consideration, to the Sabine River Authority Approximately Thirty-One Thousand Acres of Land within the Sabine National Forest to Be Used for the Purposes of the Toledo Bend Project, Louisiana and Texas, and for Other Purposes., 85-12610

An Act to Eliminate Restrictions with Respect to the Imposition and Collection of Tolls on the Richmond-Petersburg Turnpike Upon Repayment by the Commonwealth of Virginia of Certain Federal-Aid ...., 85-12629

An Act to Establish Uniform Audit Requirements for State and Local Governments Receiving Federal Financial Assistance., 85-12583

An Act to Extend Through September 30, 1988, the Period During Which Amendments to the United States Grain Standards Act Contained in Section 155 of the Omnibus Budget Reconciliation Act of 1981 Remain ...., 85-12578

An Act to Facilitate Commercial Space Launches, and for Other Purposes., 85-12611

An Act to Implement the Eastern Pacific Ocean Tuna Fishing Agreement, Signed in San Jose, Costa Rica, March 15, 1983., 85-12574

An Act to Prevent Disruption of the Structure and Functioning of the Government by Ratifying All Reorganization Plans as a Matter of Law., 85-12599

An Act to Provide for the Conservation and Management of Atlantic Striped

Bass, and for Other Purposes., 85-12632

An Act to Provide for the Establishment of the Task Force on Organ Transplantation and the Organ Procurement and Transplantation Network, to Authorize Financial Assistance for Organ Procurement Organizations, and for Other Purposes., 85-12587

An Act to Provide for the Restoration of the Fish and Wildlife in the Trinity River Basin, California, and for Other Purposes., 85-12601

An Act to Provide for the Use and Distribution of Certain Funds Awarded the Wyandotte Tribe of Oklahoma and to Restore Certain Mineral Rights to the Three Affiliated Tribes of the Fort Berthold Reservation., 85-12626

An Act to Provide Retirement Equity for Former Spouses of Civil Service Retirees, and for Other Purposes., 85-12634

An Act to Provide That Any Osage Heir or Restricted Real Estate or Funds Which Is Part of the Estate of a Deceased Osage Indian Who Did Not Possess a Certificate of Competency at the Time of Death Shall Be Exempt from Any Estate or Inheritance Tax Imposed by the State of Oklahoma., 85-12612

An Act to Redesignate the Veterans' Administration Medical Center Located in Poplar Bluff, Missouri, as the "John J. Pershing Veterans' Administration Medical Center.", 85-12618

An Act to Revise and Extend Provisions of the Public Health Service Act Relating to Health Promotion and Disease Prevention, to Provide for the Establishment of Centers for Research and Demonstrations Concerning Health Promotion and Disease Prevention, and for Other Purposes., 85-12605

An Act to Revise and Extend the Programs of Assistance Under Titles X and XX of the Public Health Service Act., 85-12591

Amendment of part A of Title XVIII of the Social Security Act., 85-12635

Amendment of Title 18 of the U.S. code., 85-12617

Articles of Confederation., 85-13659

Atomic Energy Act of 1954., 85-12606

Coast Guard Authorization Act of 1984., 85-12607

Communications Act of 1934., 85-12604

A compilation of federal education laws ... as amended through December 31, 1984 /, 85-13812

Constitution., 85-13659

Conveyance of public lands, Seneca County, Ohio., 85-12621

Criminal Fine Enforcement Act of 1984., 85-12623

Education Amendments of 1984., 85-12590

Energy Reorganization Act of 1974., 85-12606

Georgia Wilderness Act of 1984., 85-12593

Head Start Act., 85-12608

Human Services Reauthorization Act., 85-12608

International Coffee Agreement, 1983 : message from the President of the United States transmitting the International Coffee Agreement, 1983, signed by the United States on March 23, 1983., 85-13662

Joint Resolution Designating the Month of November 1984 as "National Christmas Seal Month.", 85-12577

Joint Resolution Designating the week beginning on October 7, 1984, as "Mental Illness Awareness Week.", 85-12575

Joint Resolution Providing for the Reappointment of A. Leon Higginbotham, Junior, as a Citizen Regent of the Smithsonian Institution., 85-12600

Joint Resolution to Designate the Week Beginning May 20, 1985, as "National Medical Transcriptionist Week.", 85-12631

Joint Resolution to Make Technical Corrections in the Act of January 12, 1983 (Public Law 97-459)., 85-12630

Marine Protection, Research, and Sanctuaries Act of 1972., 85-12580

Marine Sanctuaries Amendments of 1984., 85-12580

Maritime programs improvements of the Departments of Transportation and Commerce., 85-12622

Mississippi National Forest Wilderness Act of 1984., 85-12594

Motor Vehicle Information and Cost Savings Act., 85-12603

Motor Vehicle Theft Law Enforcement Act of 1984., 85-12603

Omnibus Budget Reconciliation Act of 1981., 85-12578

Panama Canal Act of 1979., 85-12624

Public Health Service Act., 85-12591, 85-12605

Public Works Improvement Act of 1984., 85-12582

Reclamation Project Authorization Act of 1972., 85-12609

Reorganization Act Amendments of 1984., 85-12633

Senate manual containing the standing rules, orders, laws, and resolutions affecting the business of the United States Senate : Articles of Confederation and the Constitution of the United States /, 85-13659

Small Business and Federal Procurement Competition Enhancement Act of 1984., 85-12613

Tariff schedules of the United States annotated /, 85-12969

Tax Equity and Fiscal Responsibility Act of 1982., 85-12625

Tennessee Wilderness Act of 1984., 85-12614

United States Grain Standards Act., 85-12578

Veterans' Health Care Act of 1984., 85-12597

Vocational Education Act of 1963., 85-12596

#### United States. ACTION.

An American sunrise : the Vietnam Veterans Leadership Program : a history of ACTION's three-year veteran's initiative : technical report /, 85-12011, 85-12012

The Senior Companion Program : the finest tradition of neighbor helping neighbor., 85-12013

Who needs you? : we do! : ACTION, the National Volunteer Agency needs you to be an important member of Young Volunteers in Action., 85-12014

#### United States. Administration on Aging.

Developing models and public education in home equity conversion for a rural state : final report of Maine's Home Equity Conversion Task Force /, 85-12721

#### United States. Advisory Council on Historic Preservation.

Report to the President and the Congress of the United States /, 85-13701

#### United States. Agency for International Development.

Report on mineral resources geophysics program for Egypt, 85-12838

#### United States. Agency for International Development. Office of Energy.

Low-frequency switching voltage regulators for terrestrial photovoltaic systems, 85-13050

#### United States. Agricultural Cooperative Service.

Cooperative grain trade opportunities in eastern Europe., 85-12008

Farmer cooperative publications /, 85-12010

Marketing operations of dairy cooperatives /, 85-12009

#### United States. Agricultural Marketing Service.

Federal milk order market statistics. Annual summary /, 85-11850

Improved food distribution facilities for central North Carolina., 85-11877

#### United States. Agricultural Marketing Service. Poultry and Dairy Quality Division.

List of plants operating under USDA poultry and egg grading and egg products inspection programs /, 85-11973

#### United States. Agricultural Marketing Service. Poultry Division.

List of plants operating under USDA poultry and egg grading and egg products inspection programs /, 85-11973

#### United States. Agricultural Research Service.

Effects of land-use conversion on water runoff and soil erosion., 85-11967

Instructions for forecasting decay in table grapes for storage., 85-11968

Program review and evaluation report : weed science, agricultural chemicals technology, and related bioregulation research programs, 1984., 85-11965

Southern Regional Research Center., 85-11966

#### United States. Agricultural Research Service. Administrative Services Division.

Inventions available for licensing., 85-11971

#### United States. Agricultural Research Service. Western Region.

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

#### United States. Air Force. Air Training Command. Extension Course Institute.

Turboprop propulsion mechanic (AFSC 42653) /, 85-12396, 85-12397

#### United States. Air Force Junior ROTC. Leadership education I /, 85-12381

#### United States. Air Force Logistics Command. Noncommissioned Officers Leadership School.

Military skills., 85-12368

#### United States. Air Force ROTC.

Student workbook : human requirements of flight /, 85-12380

#### United States. Animal and Plant Health Inspection Service. Veterinary Services.

Emergency programs : READEO : Regional Emergency Animal Disease Eradication Organization., 85-12005

National poultry improvement plan. Directory of participants handling water-

fowl, exhibition poultry, and game birds., 85-12006

**United States. Army. AMCCOM.**

Handbook for disposal of radioactive waste in accordance with US Army guidelines., 85-12250

Hip pocket lesson plans., 85-12234

**United States. Army. Army, First. Public Affairs Office.**

First United States Army : first in deed., 85-12129

**United States. Army. Army, Second.**

Soldier-leader's handbook : tools of the trade., 85-12239

**United States. Army. Aviation Brigade, 1st. Battalion, 6th.**

Customs, courtesies and activities guide / , 85-12242

**United States. Army. Corps of Engineers.**

Waterborne commerce of the United States. Part 1, Waterways and harbors, Atlantic Coast / , 85-12318

Waterborne commerce of the United States. Part 2, Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles / , 85-12319

**United States. Army. Corps of Engineers. Baltimore District.**

Tioga-Hammond Lakes / , 85-12327

**United States. Army. Corps of Engineers. Historical Division.**

The Corps, the environment, and the Upper Mississippi River Basin / , 85-12326

**United States. Army. Corps of Engineers. Nashville District.**

Planning work in a stream / , 85-12328

**United States. Army. Junior ROTC.**

Instructor's guide for introduction to leadership development : a course outline : leadership development 1 / , 85-12245

**United States. Army. Reserve Officers' Training Corps.**

Army ROTC scholarships., 85-12302

Instructor's guide for introduction to leadership development : a course outline : leadership development 1 / , 85-12245

Student text for seminar in leadership and management : (reference part two, leadership development 3 : instructor's guide for applied leadership development)., 85-12244

**United States. Army Map Service.**

7.5 minute series (topographic) : [California]. [36121-E8-TF-024], Monterey quadrangle, California - Monterey Co., 1947 / , 85-12856

**United States. Army Reserve.**

The Army Reserve., 85-12304

The Army Reserve helps you and the people you care about., 85-12303

Pre-command course., 85-12236

Veterans : your past experience is worth more to you now., 85-12305

**United States. Assistant Comptroller of the Army for Finance and Accounting.**

Automated data systems manual : Nonappropriated Funds Information Standard System (NAFISS) : general ledger, users manual., 85-12317

Automated data systems manual, Nonappropriated Funds Information Standard System (FAFISS) : budget, users manual., 85-12240

**United States. Assistant Secretary of Defense (Comptroller). Directorate for Information Operations and Control.**

Prime contract awards by state., 85-12135

**United States. Assistant Secretary of Defense (Public Affairs)**

Catalog of audiovisual productions : DoD productions cleared for public release., 85-12134

**United States. Board for International Broadcasting.**

Annual report / , 85-13694

**United States. Bureau of Alcohol, Tobacco, and Firearms.**

Excerpt, (general information) from (Your guide to) federal firearms regulation., 85-13584

State laws and published ordinances, firearms., 85-13583

**United States. Bureau of Health Care Delivery and Assistance. Division of Maternal and Child Health.**

Developing childhood injury prevention programs : an administrative guide for state maternal and child health (Title V) programs / , 85-12716

**United States. Bureau of Indian Affairs.**

Soil survey of Gregory County, South Dakota / , 85-11959

**United States. Bureau of Industrial Economics.**

U.S. industrial outlook., 85-12123

**United States. Bureau of Justice Statistics.**

Justice expenditure and employment in the United States, 1971-79., 85-13007

The National crime survey : working papers / , 85-13006

**United States. Bureau of Labor Statistics.**

Area wage survey. Cleveland, Ohio, metropolitan area / , 85-13013

Area wage survey. Columbus, Ohio, metropolitan area / , 85-13015

Area wage survey. Indianapolis, Indiana, metropolitan area / , 85-13014

Geographic profile of employment and unemployment / , 85-13012

**United States. Bureau of Land Management.**

Classification of the California desert for geology-energy-mineral resource potential : a geostatistical classification / , 85-12966

Draft environmental impact statement on the Circle Cliffs combined hydrocarbon lease conversion / , 85-12727

Hydrologic reconnaissance of the Kolob, Alton, and Kaiparowits Plateau coal fields, south-central Utah, 85-12826

Rangeland program summary for Alturas and East Shasta planning areas., 85-12967

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

Sunnyside combined hydrocarbon lease conversion : socioeconomic technical report / , 85-12960

**United States. Bureau of Land Management. Albuquerque District.**

Albuquerque District wilderness analysis reports, 1984 : Cabezon WSA, Empeadrado WSA, Ignacio Chavez WSA, La Lena WSA, Ojito WSA, Rio Chamba WSA, Sabinoso WSA, San Antonio WSA., 85-12968

Albuquerque District wilderness final environmental assessment., 85-12963

**United States. Bureau of Land Management. Battle Mountain District.**

Esmeralda-Southern Nye planning area : wilderness technical report., 85-12957

**United States. Bureau of Land Management. Burns District.**

Proposed John Day resource management plan and final environmental impact statement / , 85-12728

**United States. Bureau of Land Management. California Desert District.**

Proposed 1984 plan amendments to the California Desert Conservation Area plan of 1980 : draft environmental assessment., 85-12964

**United States. Bureau of Land Management. Eastern States Office.**

Wild Horse & Burro Adoption Center, Cross Plains, Tennessee., 85-12958

**United States. Bureau of Land Management. Las Cruces District Office.**

Las Cruces District wilderness final environmental assessment., 85-12965

## U.S. Bureau of Land Management. Las Vegas

### United States. Bureau of Land Management. Las Vegas District.

Esmeralda-Southern Nye planning area : wilderness technical report., 85-12957

### United States. Bureau of Land Management. Oregon State Office.

Timber management for the 1980s /, 85-12962

### United States. Bureau of Land Management. Phoenix District Office.

Proposed wilderness program for the Phoenix Wilderness EIS area : Maricopa, Mohave, Pima, Pinal and Yavapai Counties, Arizona /, 85-12729

### United States. Bureau of Land Management. Price River Resource Area.

Price River Resource Area management framework plan summary., 85-12959

### United States. Bureau of Land Management. Utah State Office.

Draft air quality analysis for the combined hydrocarbon EIS, eastern and south-central Utah — Sunnyside STSA /, 85-12730

Scoping the Utah statewide wilderness environmental impact statement., 85-12731

### United States. Bureau of Mines.

Common sense electrical safety : electrical hazards, reference text /, 85-12906

High-temperature relative enthalpies of CuBr /, 85-12907

Minerals yearbook /, 85-12909

Preprint from the ... Bureau of Mines Minerals yearbook. Minerals in the world economy., 85-12941

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Argentina., 85-12913

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Australia., 85-12914

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Austria., 85-12915

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Brazil., 85-12916

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Canada., 85-12917

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Chile., 85-12918

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of China., 85-12919

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Denmark and Greenland., 85-12920

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Finland., 85-12921

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of France., 85-12922

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Hungary., 85-12925

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of India., 85-12926

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Ireland., 85-12908

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Japan., 85-12927

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Malaysia., 85-12929

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Mexico., 85-12930

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Hampshire., 85-12931

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Zealand., 85-12932

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other central African countries., 85-12911

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other east African countries., 85-12910

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other west African countries., 85-12912

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Peru., 85-12933

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Romania., 85-12935

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Saudi Arabia., 85-12936

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Spain., 85-12937

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Sweden., 85-12938

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Thailand., 85-12939

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Federal Republic of Germany., 85-12923

try of the Federal Republic of Germany., 85-12923

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the German Democratic Republic., 85-12924

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Philippines., 85-12934

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Republic of Korea., 85-12928

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Turkey., 85-12940

### United States. Bureau of Motor Carrier Safety.

Accidents of motor carriers of property /, 85-13603

Handicapped driver waiver program /, 85-13602

### United States. Bureau of Public Roads.

Highway statistics /, 85-13593

### United States. Bureau of Reclamation.

Appraisal study of saline water use equipment for power plant cooling /, 85-12901

Design of small dams., 85-12903

Pactola., 85-12898

U.S./U.S.S.R. joint studies on plastic films and soil stabilizers., 85-12899

### United States. Bureau of Reclamation. Utah Projects Office.

Reservoir management review : Utah projects office, 1983 /, 85-12900

### United States. Bureau of the Census.

America's fact finder, the Census Bureau : your introduction to ... mines., 85-12017

Cotton ginnings in the United States., 85-12035

Current housing reports. Series H-150, Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045

Current industrial reports. M-32D, Clay construction products /, 85-12036

Current industrial reports. MA-24T, Lumber production and mill stocks /, 85-12037

Current industrial reports. MA-28A, Inorganic chemicals /, 85-12038

Current industrial reports. MA-28C, Industrial gases /, 85-12039

Current industrial reports. MA-33B, Steel mill products /, 85-12040

## Author Index

- Fact sheet for the Survey of Income and Program Participation., 85-12018
- Fertility of American women., 85-12043
- Reference sources., 85-12047
- Selected characteristics of persons in engineering, 1978 /, 85-12044
- U.S. exports. Schedule E commodity groupings by world area and country., 85-12042
- U.S. general imports. World area and country of origin by schedule A commodity groupings., 85-12041
- 1982 census of construction industries. Industry series. General contractors, residential buildings, other than single-family houses, industry 1522., 85-12046
- 1982 census of manufactures. Preliminary report. Geographic area series. Middle Atlantic States (New Jersey, New York, Pennsylvania), 85-12020
- 1982 census of manufactures. Preliminary report. Geographic area series. Pacific States (Alaska, California, Hawaii, Oregon, Washington), 85-12022
- 1982 census of manufactures. Preliminary report. Geographic area series. South Atlantic States (Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia), 85-12021
- 1982 census of manufactures. Preliminary report. Industry series. Children's outerwear, N.E.C. (industry 2369), 85-12027
- 1982 census of manufactures. Preliminary report. Industry series. Construction machinery (industry 3531), 85-12032
- 1982 census of manufactures. Preliminary report. Industry series. Finishing mills, N.E.C. (industry 2269), 85-12025
- 1982 census of manufactures. Preliminary report. Industry series. Meat packing plants, sausages and other prepared meats (industries 2011 and 2013), 85-12023
- 1982 census of manufactures. Preliminary report. Industry series. Men's and boys' clothing, N.E.C. (industry 2329), 85-12026
- 1982 census of manufactures. Preliminary report. Industry series. Nonferrous wire drawing and insulating (industry 3357), 85-12031
- 1982 census of manufactures. Preliminary report. Industry series. Petroleum refining, lubricating oils and greases (industries 2911 and 2992), 85-12029
- 1982 census of manufactures. Preliminary report. Industry series. Pressed and blown glass, N.E.C. (industry 3229), 85-12030
- 1982 census of manufactures. Preliminary report. Industry series. Tanks and tank components (industry 3795), 85-12033
- 1982 census of manufactures. Preliminary report. Industry series. Waterproof outer garments (industry 2385), 85-12028
- 1982 census of manufactures. Preliminary report. Industry series. Weaving mills, manmade fiber and silk (industry 2221), 85-12024
- 1982 census of manufactures. Preliminary report. Subject series. Textile machinery in place (major group 22), 85-12034
- 1982 census of retail trade. Geographic area series. Ohio., 85-12048
- 1982 census of retail trade. Major retail centers in standard metropolitan statistical areas. Colorado., 85-12051, 85-12052
- 1982 census of retail trade. Preliminary report. Industry series. Grocery stores (industry 5411), 85-12049
- 1982 census of retail trade. Preliminary report. Industry series. Mail order houses (industry 5961), 85-12050
- 1982 census of service industries. Geographic area series. Arizona., 85-12075
- 1982 census of service industries. Geographic area series. Arkansas., 85-12076
- 1982 census of service industries. Geographic area series. Florida., 85-12077
- 1982 census of service industries. Geographic area series. Louisiana., 85-12078
- 1982 census of service industries. Geographic area series. Massachusetts., 85-12079
- 1982 census of service industries. Geographic area series. Mississippi., 85-12080
- 1982 census of service industries. Geographic area series. Nebraska., 85-12081
- 1982 census of service industries. Geographic area series. North Dakota., 85-12082
- 1982 census of service industries. Geographic area series. Oklahoma., 85-12083
- 1982 census of service industries. Geographic area series. Texas., 85-12084
- 1982 census of wholesales trade. Geographic area series. Iowa., 85-12059
- 1982 census of wholesales trade. Geographic area series. Alabama., 85-12053
- 1982 census of wholesales trade. Geographic area series. Arkansas., 85-12054
- 1982 census of wholesales trade. Geographic area series. Connecticut., 85-12055
- 1982 census of wholesales trade. Geographic area series. Delaware., 85-12056
- 1982 census of wholesales trade. Geographic area series. Florida., 85-12057
- 1982 census of wholesales trade. Geographic area series. Illinois., 85-12058
- 1982 census of wholesales trade. Geographic area series. Kansas., 85-12060
- 1982 census of wholesales trade. Geographic area series. Kentucky., 85-12061
- 1982 census of wholesales trade. Geographic area series. Maryland., 85-12062
- 1982 census of wholesales trade. Geographic area series. Michigan., 85-12063
- 1982 census of wholesales trade. Geographic area series. Mississippi., 85-12064
- 1982 census of wholesales trade. Geographic area series. Missouri., 85-12065
- 1982 census of wholesales trade. Geographic area series. New Jersey., 85-12066
- 1982 census of wholesales trade. Geographic area series. New York., 85-12067
- 1982 census of wholesales trade. Geographic area series. North Carolina., 85-12068
- 1982 census of wholesales trade. Geographic area series. North Dakota., 85-12069
- 1982 census of wholesales trade. Geographic area series. Pennsylvania., 85-12070
- 1982 census of wholesales trade. Geographic area series. South Carolina., 85-12071
- 1982 census of wholesales trade. Geographic area series. United States., 85-12074
- 1982 census of wholesales trade. Geographic area series. West Virginia., 85-12072
- 1982 census of wholesales trade. Geographic area series. Wisconsin., 85-12073
- United States. Bureau of the Census. Vital Statistics Division.  
Vital statistics of the United States., 85-12691
- [United States. Central Intelligence Agency]  
Africa., 85-13504

**Bahrain.** 85-13505

**Dominican Republic.** 85-13506, 85-13507

**Eastern Asia.** 85-13508

**Europe.** 85-13509

**Guyana.** 85-13510

**The Middle East.** 85-13511, 85-13512

**Nicaragua.** 85-13513

**Permafrost regions in the Soviet Union.** 85-13514

**United States. Chief of Naval Education and Training.**  
Curriculum for Naval Junior Reserve Office Training Corps (NJROTC), NSI-IV, drills, commands, and ceremonies., 85-12344

**Personnel qualification standard for BB-61 class engineering qualification section 9, auxiliary.** 85-12354

**Personnel qualification standard for C-2A aircraft : qualification section 5, electrical.** 85-12348

**Personnel qualification standard for C-2A aircraft : qualification section 6, utility, environmental, safety.** 85-12349

**Personnel qualification standard for FF-1052 class command and control qualification section 4, weapons control.** 85-12351

**Personnel qualification standard for H-1 helicopter qualification section 5 electrical.** 85-12356

**Personnel qualification standard for MK-37 gunfire control system (GFCS).** 85-12355

**Personnel qualification standard for MK-68 gunfire control system (GFCS).** 85-12352

**Personnel qualification standard for ships' maintenance and material management (3-M) systems.** 85-12350

**Personnel qualification standard for surface electronic warfare operations.** 85-12353

**Seamanship : officer correspondence course.** 85-12357

**United States. Chief of Naval Education and Training. Training Analysis and Evaluation Group.**  
Improving your navy reading skills /. 85-12345

**United States. Coast Guard.**  
**Alcohol—bootleg fuel?** 85-13620

**Light list /.** 85-13621

**Marine casualty report : SS Marine Electric, O.N. 245675, capsizing and sinking in the Atlantic Ocean on 12 February 1983 with multiple loss of life : U.S. Coast Guard Marine Board of Investigation report and Commandant's action.** 85-13623

**United States. Coast Guard. Marine Board of Investigation.**  
Marine casualty report : SS Marine Electric, O.N. 245675, capsizing and sinking in the Atlantic Ocean on 12 February 1983 with multiple loss of life : U.S. Coast Guard Marine Board of Investigation report and Commandant's action., 85-13623

**United States. Coast Guard. Office of Research and Development.**  
Recreational boating safety : analysis for programmatic decisions /. 85-13622

**United States. Commodity Futures Trading Commission.**  
Annual report /. 85-13695

**United States. Congress. House. Committee on Agriculture.**  
Long-term farm policy to succeed the Agriculture and Food Act of 1981 : hearings before the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session., 85-13767

**A Study of the effects on the economy of trading in futures and options /.** 85-13766

**United States. Congress. House. Committee on Agriculture. Subcommittee on Cotton, Rice, and Sugar.**  
Long-term farm policy to succeed the Agriculture and Food Act of 1981 : hearings before the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session., 85-13767

**United States. Congress. House. Committee on Agriculture. Subcommittee on Department Operations, Research, and Foreign Agriculture.**  
Alternatives to ethylene dibromide (EDB) : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 9, 1984., 85-13769

**Improved Standards for Laboratory Animals Act; and enforcement of the Animal Welfare Act by the Animal and Plant Health Inspection Service : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5725, September 19, 1984.** 85-13771

**U.S. fisheries export promotion programs and prospects : joint hearings and markup before the Committee on Foreign Affairs and its Subcommittee on International Economic Policy and**

**Trade and the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, U.S. House of Representatives, Ninety-eighth Congress, second session, on H.R. 3255, July 27; August 9; and September 6, 1984.** 85-13851

**United States. Congress. House. Committee on Agriculture. Subcommittee on Livestock, Dairy, and Poultry.**  
Meat, Poultry, and Egg Products Inspection Amendments of 1983; exempt restaurant central kitchens from federal inspection requirements; and USDA's five-point program of inspection in livestock and poultry slaughter plants : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 2691 and H.R. 5223, May 17, 1984., 85-13770

**Milk Producers Prompt Payment Act of 1984 : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5037, July 26, 1984.** 85-13772

**Review the impact of Canadian trade on U.S. Livestock producers : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 23, 1984.** 85-13768

**United States. Congress. House. Committee on Appropriations.**  
Deferrals : message from the President of the United States transmitting a report on four new deferrals of budget authority for fiscal year 1983, and one revision to a previously reported deferral of budget authority, pursuant to sections 1013(a) and 1014(c) of Public Law 93-344., 85-13675

**Report of committee activities /.** 85-13690

**Review of United States strategic forces : communication from the President of the United States transmitting a detailed technical assessment review of U.S. strategic forces, pursuant to subsection 7 of Title V, Public Law 97-377.** 85-13673

**Supplemental appropriations : communication from the President of the United States transmitting proposed supplemental appropriations for fiscal year 1984 and amendments to the request for appropriations for the fiscal year 1984.** 85-13674

**United States. Congress. House. Committee on Appropriations. Subcommittee on Military Construction Appropriations.** Military construction appropriations for 1986 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-ninth Congress, first session /, 85-13773

**United States. Congress. House. Committee on Appropriations. Subcommittee on the Treasury, Postal Service, and General Government Appropriations.**

Fiscal year 1985 : House/Senate hearings, Committee on Appropriations : Subcommittee on the Treasury, Postal Service, and General Government Appropriations., 85-13558

**United States. Congress. House. Committee on Armed Services. Delegation to Northern NATO and the Nordic Region.**

NATO : a time for renewed commitment : report of the Delegation to Northern NATO and the Nordic Region of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13783

**United States. Congress. House. Committee on Armed Services. Procurement and Military Nuclear Systems Subcommittee.**

Naval nuclear propulsion program—1984 : hearing on H.R. 5263 (H.R. 5395) Department of Energy authorization legislation (national security programs) for fiscal year 1985 before the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, February 28, 1984., 85-13785

**United States. Congress. House. Committee on Armed Services. Procurement and Military Nuclear Systems Subcommittee. Special Panel on Arms Control and Disarmament.**

Review of arms control and disarmament activities, 98th Congress : report of the Special Panel on Arms Control and Disarmament of the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13782

**United States. Congress. House. Committee on Armed Services. Subcommittee on Investigations.**

Disposal of usable equipment : hearings before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, June 21 and July 25, 1984., 85-13786

Hearing on H.R. 5256, to authorize the Inspector General of the Department of Defense to take certain extraordi-

nary actions to reform contracts of the Department of Defense, before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, April 26, 1984., 85-13784

**United States. Congress. House. Committee on Education and Labor.**

A compilation of federal education laws ... as amended through December 31, 1984 /, 85-13812

Report on the activities of the Committee on Education and Labor during the ... Congress., 85-13689

**United States. Congress. House. Committee on Education and Labor. Subcommittee on Health and Safety.**

Labor-management relations and employee health and safety at the General Dynamics Corp. : joint hearing before the Subcommittee on Labor-Management Relations and the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 20, 1984., 85-13815

OSHA hearings—state staffing levels and OSHA hazard communication standards : hearings before the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.J. Res. 319 ... and H.J. Res. 514 ..., hearings held in Washington, DC, on June 6, 26, 1984., 85-13817

**United States. Congress. House. Committee on Education and Labor. Subcommittee on Human Resources.**

Native American Programs Act Amendments of 1983 : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4468 ... hearing held in Washington, DC, on March 14, 1984., 85-13816

Title IV, Missing Children's Assistance Act : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4971 ... hearing held in Chicago, IL, on April 9, 1984., 85-13811

**United States. Congress. House. Committee on Education and Labor. Subcommittee on Labor-Management Relations.**

Labor-management relations and employee health and safety at the General Dynamics Corp. : joint hearing before the

Subcommittee on Labor-Management Relations and the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 20, 1984., 85-13815

**United States. Congress. House. Committee on Education and Labor. Subcommittee on Labor Standards.**

Hearings on immigration reform and agricultural guestworkers : hearings before the Subcommittee on Labor Standards of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearings held in Washington, D.C., on April 11 and May 3, 1984., 85-13813

**United States. Congress. House. Committee on Education and Labor. Subcommittee on Select Education.**

Oversight hearing on interagency cooperation : hearing before the Subcommittee on Select Education of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Aliquippa, PA, on March 23, 1984., 85-13814

**United States. Congress. House. Committee on Energy and Commerce. Special Subcommittee on U.S. Trade with China.**

China's trade with other Pacific rim nations : hearing before the Special Subcommittee on U.S. Trade with China of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13824

**United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Commerce, Transportation, and Tourism.**

Federal efforts to control asbestos hazards : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 26, 1984., 85-13831

Importation of solid waste : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session on H.R. 5186 ..., June 25, 1984., 85-13833

Professional Sports Team Community Protection Act : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Commit-

tee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5388 and H.R. 5430 ... June 21, 1984., 85-13829

**United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Energy Conservation and Power.**

NRC management policies : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, June 21, 1984., 85-13825

Phantom tax reform : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4923 ... June 12, 1984., 85-13826

Regional electric power : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5766 ... June 26, 1984., 85-13830

**United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Health and the Environment.**

Health and the environment, miscellaneous : hearings before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, first session ..., 85-13827, 85-13828

**United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Oversight and Investigations.**

RIF's at DOE : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 10, 1984., 85-13834

Strategic petroleum reserve : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 24, 1984., 85-13835

**United States. Congress. House. Committee on Energy and Commerce. Subcommittee on Telecommunications, Consumer Protection, and Finance.**

Broadcast regulation and station ownership : hearing before the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on

H.R. 6122 ... H.R. 6134 ... September 19, 1984., 85-13832

**United States. Congress. House. Committee on Foreign Affairs.**

Country reports on human rights practices : report submitted to the Committee on Foreign Relations, U.S. Senate and Committee on Foreign Affairs, U.S. House of Representatives by the Department of State in accordance with sections 116(d) and 502B(b) of the Foreign Assistance Act of 1961, as amended., 85-13864

Settlement of the Cyprus question : communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary General of the United Nations, pursuant to 22 U.S.C. 2373(c)., 85-13680

South Africa legislation : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on Africa, House of Representatives, Ninety-eighth Congress, second session, April 10; August 1; September 6, 1984, on H. Res. 430, H. Con. Res. 122, H. Con. Res. 42., 85-13855

U.S. fisheries export promotion programs and prospects : joint hearings and markup before the Committee on Foreign Affairs and its Subcommittee on International Economic Policy and Trade and the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, U.S. House of Representatives, Ninety-eighth Congress, second session, on H.R. 3255, July 27; August 9; and September 6, 1984., 85-13851

The United States and Europe : common bonds and differing perspectives : report of the twenty-third meeting of members of Congress and of the European Parliament, January 19-21, 1984, pursuant to H. Res. 981 ..., 85-13849

**United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Africa.**

South Africa legislation : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on Africa, House of Representatives, Ninety-eighth Congress, second session, April 10; August 1; September 6, 1984, on H. Res. 430, H. Con. Res. 122, H. Con. Res. 42., 85-13855

**United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Human Rights and International Organizations.**

Human rights in Albania : hearing before the Subcommittee on Human Rights

and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, January 25, 1984., 85-13852

Recent developments in UNESCO and their implications for U.S. policy : hearings before the Subcommittees on Human Rights and International Organizations and on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, July 26; September 13; December 6, 1984., 85-13859

U.S. contribution to the U.N. decade for women : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984., 85-13848

U.S. international environmental policy : hearings before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, June 14 and September 12, 1984., 85-13858

**United States. Congress. House. Committee on Foreign Affairs. Subcommittee on International Economic Policy and Trade.**

Controls on exports to the People's Republic of China : hearing before the Subcommittee on International Economic Policy and Trade of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, first session, November 17, 1983., 85-13850

U.S. fisheries export promotion programs and prospects : joint hearings and markup before the Committee on Foreign Affairs and its Subcommittee on International Economic Policy and Trade and the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, U.S. House of Representatives, Ninety-eighth Congress, second session, on H.R. 3255, July 27; August 9; and September 6, 1984., 85-13851

**United States. Congress. House. Committee on Foreign Affairs. Subcommittee on International Operations.**

Addendum to oversight of the U.S. Information Agency : hearings before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, May 10 and 15, 1984., 85-13853

Commission on the Ukraine Famine Act : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 3, 1984., 85-13857

Implementation of noise regulation acts at Miami International Airport : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13854

Recent developments in UNESCO and their implications for U.S. policy: hearings before the Subcommittees on Human Rights and International Organizations and on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, July 26; September 13; December 6, 1984., 85-13859

**United States. Congress. House. Committee on Foreign Affairs. Subcommittee on Western Hemisphere Affairs.**

The role of the U.S. Southern Command in Central America : hearing before the Subcommittee on Western Hemisphere Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, August 1, 1984., 85-13856

**United States. Congress. House. Committee on Government Operations. Environment, Energy, and Natural Resources Subcommittee.**

Great Plains coal gasification project : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, October 18, 1983., 85-13866

Incineration of hazardous wastes at sea : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 12, 1984., 85-13877

Problems with distribution of oil from the strategic petroleum reserve : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 10, 1984., 85-13873

Review of ground water contamination and depletion problems in the Northwest : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, November 28, 1983., 85-13872

Synthetic Fuels Corporation oversight : hearing before a subcommittee of the

Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 16, 1984., 85-13876

**United States. Congress. House. Committee on Government Operations. Government Activities and Transportation Subcommittee.**

General Services Administration management initiatives to increase competition within the federal supply schedule : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 9, 1984., 85-13871

**United States. Congress. House. Committee on Government Operations. Government Information, Justice, and Agriculture Subcommittee.**

The Freedom of Information Reform Act : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on S. 774 ... May 24, 30; June 20; and August 9, 1984., 85-13870

**United States. Congress. House. Committee on Government Operations. Legislation and National Security Subcommittee.**

DOD's sophisticated munitions : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984., 85-13867

Federal agencies' audit resolution procedures : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 8, 1984., 85-13865

Increase effectiveness of domestic fire-fighting forces (H.R. 3726); and Congressional Budget Act Amendments of 1984 (H.R. 5247) : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 3726 ... and H.R. 5247 ... July 26, 1984., 85-13869

Public relations costs charged to DOD contracts : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 25, 1984., 85-13874

Ratification of reorganization plans : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6225 ... September 20, 1984., 85-13875

**United States. Congress. House. Committee on Government Operations. Manpower and Housing Subcommittee.**

Problem of delays in processing Federal Employees' Compensation Act (FECA) claims at the Boston District Office of Workers' Compensation Programs : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, October 12, 1984., 85-13868

**United States. Congress. House. Committee on Interior and Insular Affairs.**

Federal minerals royalty management : an analysis of problem areas related to the management of the federal minerals royalty management program by the Minerals Management Service of the Department of Interior with recommended solutions : a report /, 85-13881

Indian Gambling Control Act : hearing before the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4566 ... hearing held in Washington, DC, June 19, 1984., 85-13882

Legislative and review activities of the Committee on Interior and Insular Affairs of the House of Representatives during the ... Congress pursuant to clause 1(d) of rule XI of the rules of the House of Representatives., 85-13691

**United States. Congress. House. Committee on Interior and Insular Affairs. Subcommittee on Mining, Forest Management, and Bonneville Power Administration.**

To amend the Mineral Lands Leasing Act of 1920 : hearing before the Subcommittee on Mining, Forest Management, and Bonneville Power Administration of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 1530 ..., hearing held in Washington, DC, June 21, 1984., 85-13883

**United States. Congress. House. Committee on Merchant Marine and Fisheries.**

Report on the activities of the Merchant Marine and Fisheries Committee., 85-13682

Section-by-section comparison of January 9, 1985 draft recodification of maritime liability laws /, 85-13907

**United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Merchant Marine.**

Maritime policy and regional economic development., 85-13909

Maritime redevelopment : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on Maritime policy and regional economic development—Part 2, January 18, 1984, New Orleans, LA; ... April 30, 1984, New York, NY; Maritime Redevelopment Bank Act (H.R. 3399), June 20 and August 8, 1984, Washington, DC, November 9, 1984, Oakland CA., 85-13909

**United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on Oceanography.**

Status of U.S. marine research : hearing before the Subcommittee on Oceanography and the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on U.S. marine scientific research capabilities oversight, September 26, 1984., 85-13908

**United States. Congress. House. Committee on Merchant Marine and Fisheries. Subcommittee on the Panama Canal/Outer Continental Shelf.**

Offshore installations emergency evacuation : hearing before the Subcommittee on Panama Canal/Outer Continental Shelf of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6291 ... October 4, 1984., 85-13910

**United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Human Resources.**

Fair Reduction in Force Practices Act of 1984 : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6080 ... September 13, 1984., 85-13912

Implementation of Circular A-76 : hearings before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 20 and 25, 1984., 85-13913

Placement programs for displaced federal employees : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, October 2, 1984., 85-13914

**United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Postal Operations and Services.**

Status of U.S. postal service : joint hearings before the Subcommittee on Postal Operations and Services and the Subcommittee on Postal Personnel and Modernization of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 25, 26, 1984., 85-13915

**United States. Congress. House. Committee on Post Office and Civil Service. Subcommittee on Postal Personnel and Modernization.**

Status of U.S. postal service : joint hearings before the Subcommittee on Postal Operations and Services and the Subcommittee on Postal Personnel and Modernization of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 25, 26, 1984., 85-13915

**United States. Congress. House. Committee on Public Works and Transportation. Subcommittee on Investigations and Oversight.**

The impact of weather on aviation safety : report of the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, U.S. House of Representatives., 85-13917

Zilwaukee Bridge, Saginaw, MI : hearing before the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, House of Representatives, Ninety-eighth Congress, first session, February 18, 1983., 85-13916

**United States. Congress. House. Committee on Rules.**

Providing for agreeing to the Senate amendment to H.R. 4230 : report (to accompany H. Res. 615)., 85-13683

Waiving certain points of order against the conference report on H.R. 6027 : report (to accompany H. Res. 616)., 85-13684

**United States. Congress. House. Committee on Rules. Subcommittee on Rules of the House.**

98th Congress hearings : Subcommittee on Rules of the House : hearings before the Subcommittee on Rules of the House of the Committee on Rules, House of Representatives, Ninety-eighth Congress., 85-13918

**United States. Congress. House. Committee on Science and Technology.**

Allocation of budget totals for fiscal year ... : submitted pursuant to section

302(b) of the Congressional Budget Act of 1974 by the Committee on Science and Technology., 85-13685

Improving the research infrastructure at U.S. universities and colleges., 85-13919

Oversight review of the five-year outlook report on science and technology : hearing before the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, January 24, 1984., 85-13925

Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report /, 85-13919

**United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Development and Applications.**

The current state and future prospects of the U.S. photovoltaics industry : hearings before the Subcommittee on Energy Development and Applications of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, September 11, 19, 1984., 85-13926

**United States. Congress. House. Committee on Science and Technology. Subcommittee on Energy Research and Production.**

Lessons learned in utility management and the status of the R&D program following the accident at Three Mile Island : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13922

The status of the technical infrastructure to support domestic food irradiation : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, July 26, 1984., 85-13921

**United States. Congress. House. Committee on Science and Technology. Subcommittee on Science, Research, and Technology.**

Federal organization for technological innovation : hearings before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, June 7, 12, 13, 14, 1984., 85-13923

Science and math education : hearing before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology,

U.S. House of Representatives, Ninety-eighth Congress, second session, February 10, 1984., 85-13924

**United States. Congress. House. Committee on Science and Technology. Task Force on Science Policy.**

An Agenda for a study of government science policy : report /, 85-13920

**United States. Congress. House. Committee on Small Business.**

Summary of activities : a report of the Committee on Small Business, House of Representatives, Congress, together with additional views., 85-13687

**United States. Congress. House. Committee on Small Business. Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business.**

Future of independent marketers in the post-merger petroleum marketplace : joint hearing before the Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business and the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, April 11, 1984., 85-13931

**United States. Congress. House. Committee on Small Business. Subcommittee on Export Opportunities and Special Small Business Problems.**

Export opportunities : an untapped resource for small business : hearing before the Subcommittee on Export Opportunities and Special Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Dallas TX, July 10, 1984., 85-13928

**United States. Congress. House. Committee on Small Business. Subcommittee on General Oversight and the Economy.**

Future of independent marketers in the post-merger petroleum marketplace : joint hearing before the Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business and the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, April 11, 1984., 85-13931

Small Business Administration's computer systems : hearing before the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, June 27, 1984., 85-13927

**United States. Congress. House. Committee on Small Business. Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems.**

Review of the 10-percent set-aside program section 105 (f) of the Surface Transportation Assistance Act of 1982 : hearing before the Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, Washington, D.C., September 19, 1984., 85-13932

**United States. Congress. House. Committee on Small Business. Subcommittee on Tax, Access to Equity Capital, and Business Opportunities.**

Current trends in the financial services industry and their impact on small business financing : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, D.C., September 6, 1984., 85-13929

IRS compliance procedures : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, October 3, 1984., 85-13930

**United States. Congress. House. Committee on the Budget. Task Force on Economic Policy and Productivity.**

Economic development : hearings before the Task Force on Economic Policy and Productivity of the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, October 23 and 26, 1984, Janesville and Racine, WI., 85-13792

**United States. Congress. House. Committee on the District of Columbia.**

D.C. judges and independent counsel : hearings and markups before the Subcommittees on Fiscal Affairs and Health, Judiciary and Education and the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on H. R. 3655 ... H.R. 3920 ... H.R. 4146 ... H.R. 4371 ... H.R. 5279 ... H.R. 5636 ... H.R. 5951 ... H.R. 5379 and H.R. 6007 ... September 20, 28, 29, and November 17, 1983; May 2, June 14, 28, and July 24, 25, 1984., 85-13803

**United States. Congress. House. Committee on the District of Columbia. Subcommittee on Fiscal Affairs and Health.**

D.C. judges and independent counsel : hearings and markups before the Subcommittees on Fiscal Affairs and Health, Judiciary and Education and the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on H. R. 3655 ... H.R. 3920 ... H.R. 4146 ... H.R. 4371 ... H.R. 5279 ... H.R. 5636 ... H.R. 5951 ... H.R. 5379 and H.R. 6007 ... September 20, 28, 29, and November 17, 1983; May 2, June 14, 28, and July 24, 25, 1984., 85-13803

Transfer of D.C. Employment Security Building : hearing before the Subcommittee on Fiscal Affairs and Health of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3707 ... October 25, 1983., 85-13802

**United States. Congress. House. Committee on the District of Columbia. Subcommittee on Government Operations and Metropolitan Affairs.**

Washington Metropolitan Area Transit Authority : oversight hearings and markup before the Subcommittee on Government Operations and Metropolitan Affairs of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on bus reliability ... and H.R. 4810 ... February 8, November 16, 1983; and May 3, 1984., 85-13801

**United States. Congress. House. Committee on the District of Columbia. Subcommittee on Judiciary and Education.**

D.C. judges and independent counsel : hearings and markups before the Subcommittees on Fiscal Affairs and Health, Judiciary and Education and the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on H. R. 3655 ... H.R. 3920 ... H.R. 4146 ... H.R. 4371 ... H.R. 5279 ... H.R. 5636 ... H.R. 5951 ... H.R. 5379 and H.R. 6007 ... September 20, 28, 29, and November 17, 1983; May 2, June 14, 28, and July 24, 25, 1984., 85-13803

**United States. Congress. House. Committee on the Judiciary.**

Amendments to the rules of criminal procedure for the U.S. district courts : communication from the Chief Justice of the United States transmitting amendments to the rules of criminal procedure for the U.S. district courts,

adopted by the Supreme Court pursuant to 18 U.S.C. 3771 and 3772, together with the report of the Judicial Conference of the United States submitted to the Court pursuant to 28 U.S.C. 331., 85-13677

Veto of H.R. 1362 : message from the President of the United States vetoing H.R. 1362, a bill for the relief of Joseph Karel Hasek., 85-13679

**United States. Congress. House. Committee on the Judiciary. Subcommittee on Administrative Law and Governmental Relations.**

Amendment of the Debt Collection Act of 1982 : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on S. 376 ... October 19, 1983., 85-13888

Financial assistance to Rockland County, NY, in the Brinks robbery trial : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5763 ... September 19, 1984., 85-13886

Index to reports on private and public bills and resolutions favorably reported by the Committee in the ... Congress showing their status as of the date of final adjournment /, 85-13884

Medical care cost recovery : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4666 ... March 7, 1984., 85-13889

Wheeling Creek Watershed Protection District Compact : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5177 ... April 11, 1984., 85-13887

**United States. Congress. House. Committee on the Judiciary. Subcommittee on Courts, Civil Liberties, and the Administration of Justice.**

Rules Enabling Act : hearings before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first and second sessions, on oversight and H.R. 4144 ... April 21, 1983, and March 1, 1984., 85-13890

Witness Protection Act : hearing before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3086 ... June 22, 1983., 85-13891

**United States. Congress. House. Committee on the Judiciary. Subcommittee on Crime.**

Crime and violence in the media : hearing before the Subcommittee on Crime of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session ... April 13, 1983., 85-13885

**United States. Congress. House. Committee on Veterans' Affairs.**

Activities report of the Committee on Veterans' Affairs, House of Representatives., 85-13688

Report on congressional delegation trip to Southeast Asia to the Committee on Veterans' Affairs, House of Representatives, Ninety-eighth Congress, second session., 85-13936

**United States. Congress. House. Committee on Veterans' Affairs. Subcommittee on Housing and Memorial Affairs.**

The need for a national veterans' cemetery in the state of Arizona : hearing before the Subcommittee on Housing and Memorial Affairs of the Committee on Veterans' Affairs, House of Representatives, Ninety-eighth Congress, second session, November 14, 1984., 85-13937

**United States. Congress. House. Committee on Ways and Means.**

Report on legislative review activity during the ... Congress of the Committee on Ways and Means., 85-13686

Superfund Expansion and Protection Act of 1984 : hearing before the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5640 ... July 25, 1984., 85-13941

**United States. Congress. House. Committee on Ways and Means. Subcommittee on Health.**

Alternative Medical Liability Act : hearing before the Subcommittee on Health of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5400 ... June 28, 1984., 85-13940

**United States. Congress. House. Committee on Ways and Means. Subcommittee on Public Assistance and Unemployment Compensation.**

GAO analysis of the 1981 AFDC reductions : hearing before the Subcommittee on Public Assistance and Unem-

ployment Compensation of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, May 2, 1984., 85-13944

**United States. Congress. House. Committee on Ways and Means. Subcommittee on Trade.**

Competitive conditions in the U.S. civil aircraft industry and forest products industry : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 9, 1984, Seattle, Washington., 85-13943

Market expansion for U.S.-produced wine : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 24, 1984., 85-13942

Miscellaneous tariff and trade bills : hearings and written comments before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, first and second sessions, November 15, 1983 and June 21, 1984., 85-13939

**United States. Congress. House. Office of the Legislative Counsel.**

Cross-references within the Internal Revenue Code of 1954 as of January 3, 1985 /, 85-13693

**United States. Congress. House. Page Board on Education for Congressional Pages.**

Final report to the Speaker from the House of Representatives Page Board /, 85-13934

**United States. Congress. House. Select Committee on Aging.**

Alzheimer's disease : a Florida perspective : hearing before the Select Committee on Aging, House of Representatives, Ninety-eighth Congress, second session, May 19, 1984, Palm Harbor, FL., 85-13764

The President's 1986 budget : an assault on America's aged and poor : a report /, 85-13765

**United States. Congress. House. Select Committee on Children, Youth, and Families.**

Violence and abuse in American families : hearing before the Select Committee on Children, Youth, and Families, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 14, 1984., 85-13793

**United States. Congress. House. Select Committee on Narcotics Abuse and Control.**

Annual report for the year ... Select Committee on Narcotics Abuse and Control., 85-13692

Federal drug law enforcement and interdiction : hearing before the Select Committee on Narcotics Abuse and Control, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13911

**United States. Congress. Joint Committee on Printing.**

Memorial addresses and other tributes in the Congress of the United States on the life and contributions of Milton R. Young, Ninety-eighth Congress, first session /, 85-13661

**United States. Congress. Joint Committee on Taxation.**

General explanation of the revenue provisions of the Deficit Reduction Act of 1984 : (H.R. 4170, 98th Congress; Public Law 98-369) /, 85-13935

**United States. Congress. Joint Economic Committee.**

Health care costs and their effects on the economy : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, April 12 and August 29, 1984., 85-13806

Japanese tax policy : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, September 24, 1984., 85-13807

Youth employment and the minimum wage : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 27, 1984., 85-13810

The 1984 midyear economic outlook : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, July 30 and August 2, 3, and 8, 1984., 85-13805

**United States. Congress. Joint Economic Committee. Subcommittee on Agriculture and Transportation.**

The effects of federal income tax policy on U.S. agriculture : a study /, 85-13809

**United States. Congress. Joint Economic Committee. Subcommittee on Investment, Jobs, and Prices.**

The President's 1984 national urban policy report : hearing before the Subcommittee on Investment, Jobs, and Prices of the Joint Economic Committee, Congress of the United States,

Ninety-eighth Congress, second session, June 20, 1984., 85-13804, 85-13808

**United States. Congress. Office of Technology Assessment.**

Blood policy & technology., 85-13750

The Boston elbow /, 85-13752

The contact lens industry : structure, competition, and public policy /, 85-13754

Information technology R&D : critical trends and issues : summary., 85-13755

Intensive care units (ICUs) : clinical outcomes, costs, and decisionmaking /, 85-13751

List of publications /, 85-13757

The market for wheelchairs : innovations and federal policy /, 85-13753

Strategic materials : technologies to reduce U.S. import vulnerability., 85-13756

**United States. Congress. Senate. Committee on Agriculture, Nutrition, and Forestry. Subcommittee on Foreign Agricultural Policy.**

Food aid in Africa : lessons of 1984, prospects for 1985 : joint hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations and the Subcommittee on Foreign Agricultural Policy of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, ninety-eighth Congress, second session, September 19, 1984., 85-13862

**United States. Congress. Senate. Committee on Appropriations. Subcommittee on Agriculture, Rural Development, and Related Agencies.**

Agriculture, rural development, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5743 ..., 85-13776

**United States. Congress. Senate. Committee on Appropriations. Subcommittee on Commerce, Justice, State, the Judiciary, and Related Agencies.**

Departments of Commerce, Justice, State, the Judiciary, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5712 ..., 85-13777

**United States. Congress. Senate. Committee on Appropriations. Subcommittee on Defense.**

Salt II violations : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session : special hearing, Department of Defense, nondepartmental witnesses., 85-13775

**United States. Congress. Senate. Committee on Appropriations. Subcommittee on Departments of Labor, Health and Human Services, Education, and Related Agencies. Departments of Labor, Health and Human Services, Education, and related agencies appropriations for 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 6028/S. 2836 ..., 85-13778**

Medical research and its impact on the nation's health and economy : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13781

**United States. Congress. Senate. Committee on Appropriations. Subcommittee on Energy and Water Development.**

Energy and water development appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session., 85-13774

**United States. Congress. Senate. Committee on Appropriations. Subcommittee on the Dept. of the Interior and Related Agencies.**

Potential opportunities for reforestation of marginal croplands : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13780

**United States. Congress. Senate. Committee on Appropriations. Subcommittee on the Dept. of the Treasury, U.S. Postal Service, and General Government Appropriations.**

Fiscal year 1985 : House/Senate hearings, Committee on Appropriations : Subcommittee on the Treasury, Postal Service, and General Government Appropriations., 85-13558

**United States. Congress. Senate. Committee on Appropriations. Subcommittee on the Legislative Branch.**

Legislative branch appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate,

## U.S. Congress. Senate. Committee on

Ninety-eighth Congress, second session, on H.R. 5753 ...., 85-13779

### United States. Congress. Senate. Committee on Armed Services.

Department of Defense authorization for appropriations for fiscal year 1985 : hearings before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, on S. 2414 ...., 85-13787

Nomination of William W. Hoover to be Assistant Secretary of Energy (Defense Programs) : hearing before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session ... August 7, 1984., 85-13788

### United States. Congress. Senate. Committee on Armed Services. Subcommittee on Preparedness.

Sale of New Hampshire Ball Bearings, Inc. to the Japan-based Minebea Company : hearing before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13790

### United States. Congress. Senate. Committee on Armed Services. Task Force on Selected Defense Procurement Matters.

Spare parts legislation : hearing before the Task Force on Selected Defense Procurement Matters of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, S. 2489 ... S. 2571 ... S. 2572 ... May 16, 1984., 85-13789

### United States. Congress. Senate. Committee on Banking, Housing, and Urban Affairs.

National treatment of banks : hearing before the Committee on Banking, Housing, and Urban Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2193 ... September 26, 1984., 85-13791

Oversight activities of the Committee on Banking, Housing, and Urban Affairs, United States Senate., 85-13672

### United States. Congress. Senate. Committee on Commerce, Science, and Transportation.

Consumer fraud and the elderly : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on consumer fraud and the elderly, October 22, 1984., 85-13799

National Aeronautics and Space Administration Authorization Act : report (to accompany H.R. 5154)., 85-13667

Nominations—February-May : hearings before the Committee on Commerce, Science, and Transportation, United

States Senate, Ninety-eighth Congress, first session, nominations, February 4, 1983 ... April 20, 1983 ... May 10, 1983 ...., 85-13797

Nominations—ICC : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on J.J. Simmons III, Paul H. Lamboley, and Andrew John Strenio, Jr., to be commissioners, Interstate Commerce Commission, August 6, 1984., 85-13800

Washington Dulles International Airport : report (to accompany S. 2483)., 85-13666

### United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Aviation.

Status of air traffic control system : hearing before the Subcommittee on Aviation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... October 1, 1984., 85-13798

### United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Science, Technology, and Space.

Antarctica : hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on Antarctica, September 24, 1984., 85-13796

### United States. Congress. Senate. Committee on Commerce, Science, and Transportation. Subcommittee on Surface Transportation.

Discriminatory taxation on pipelines : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on S. 2932 ... September 28, 1984., 85-13795

Oversight of the Household Goods Transportation Act of 1980 and the Bus Regulatory Reform Act of 1982 : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... September 25, 1984., 85-13794

### United States. Congress. Senate. Committee on Energy and Natural Resources.

Arkansas Wilderness Act of 1984 : report (to accompany S. 2125)., 85-13668

Redesignating Saint Croix National Monument, Maine : report (to accompany S.J. Res. 25)., 85-13664

## Author Index

Renewable Energy Development Act of 1983 : report (to accompany H.R. 3169)., 85-13670

### United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy and Mineral Resources.

Enhanced coal technology : hearing before the Subcommittee on Energy and Mineral Resources of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, first session, on enhanced coal technology : coal's market for the eighties, August 9, 1983., 85-13823

### United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Energy Research and Development.

Department of Energy research and development programs—fiscal year 1985 : hearings before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on the Department of Energy research and development programs, March 5, 12, 20, 22, April 5, and 24, 1984., 85-13818

Magnetohydrodynamics and the National Coal Science, Technology, and Engineering Development Acts : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 1278 ... S. 1925 ... April 9, 1984., 85-13819

Review of the status of the U.S. domestic uranium mining and milling industry : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session ... September 12, 1984., 85-13822

### United States. Congress. Senate. Committee on Energy and Natural Resources. Subcommittee on Public Lands and Reserved Water.

Amending the National Historic Preservation Act; miscellaneous conveyances; fee exemptions; and assistance to volunteer groups : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on H.R. 2889 ... H.R. 2982 ... S. 2692 ... H.R. 2838 ... June 28, 1984., 85-13820

Withdraw and reserve certain public lands for military purposes : hearing

before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2657 ... S. 2658 ... S. 2659 ... S. 2660 ... S. 2661 ... S. 2662 ... August 8, 1984., 85-13821

**United States. Congress. Senate. Committee on Environment and Public Works.**

Federal-Aid Highway Act of 1982 : report of the Committee on Environment and Public Works, United States Senate, together with additional views to accompany S. 2527., 85-13671

**United States. Congress. Senate. Committee on Finance.**

Major tax reform options : hearings before the Committee on Finance, United States Senate, Ninety-eighth Congress, second session., 85-13838

**United States. Congress. Senate. Committee on Finance. Subcommittee on Energy and Agricultural Taxation.**

State severance taxes : hearing before the Subcommittee on Energy and Agricultural Taxation of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 463, July 24, 1984., 85-13839

**United States. Congress. Senate. Committee on Finance. Subcommittee on Health.**

Community and Family Living Amendments of 1983 : field hearing before the Subcommittee on Health of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 13, 1984., 85-13842

**United States. Congress. Senate. Committee on Finance. Subcommittee on International Trade.**

Import relief for U.S. nonrubber footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 22, 1984., 85-13845

Increased duties on certain shelled filberts : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 14, 1984., 85-13846

State of the U.S. automobile industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 27, 1984., 85-13836

State of the U.S. footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate,

Ninety-eighth Congress, second session, May 25, 1984., 85-13843

U.S. steel industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 8, 1984., 85-13841

**United States. Congress. Senate. Committee on Finance. Subcommittee on Oversight of the Internal Revenue Service.**

Increasing productivity and administrability of the tax code : hearing before the Subcommittee on Oversight of the Internal Revenue Service of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 17, 1984., 85-13840

**United States. Congress. Senate. Committee on Finance. Subcommittee on Taxation and Debt Management.**

Charitable contributions and ministers' and military housing deductions : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 377 and S. 2017, September 26, 1984., 85-13844

Imputed interest rules : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 3, 1984., 85-13837

**United States. Congress. Senate. Committee on Foreign Relations.**

Country reports on human rights practices : report submitted to the Committee on Foreign Relations, U.S. Senate and Committee on Foreign Affairs, U.S. House of Representatives by the Department of State in accordance with sections 116(d) and 502B(b) of the Foreign Assistance Act of 1961, as amended., 85-13864

International Coffee Agreement, 1983 : message from the President of the United States transmitting the International Coffee Agreement, 1983, signed by the United States on March 23, 1983., 85-13662

1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983., 85-13663

**United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on African Affairs.**

Food aid in Africa : lessons of 1984, prospects for 1985 : joint hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations and the Subcommittee on Foreign Agricultural Policy of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, Ninety-eighth Congress, second session, September 19, 1984., 85-13862

U.S. policy on South Africa : hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13861

**United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on East Asian and Pacific Affairs.**

United States-Japan trade : the \$30 billion gap : hearing before the Subcommittee on East Asian and Pacific Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, October 3, 1984., 85-13860

**United States. Congress. Senate. Committee on Foreign Relations. Subcommittee on International Economic Policy.**

Unitary tax : hearing before the Subcommittee on International Economic Policy of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 20, 1984., 85-13863

**United States. Congress. Senate. Committee on Governmental Affairs.**

To establish a National Commission on Agricultural Trade and Export Policy : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 319 ... August 3, 1984., 85-13878

**United States. Congress. Senate. Committee on Governmental Affairs. Permanent Subcommittee on Investigations.**

Prevention of drug abuse among youth : hearing before the Permanent Subcommittee on Investigations of the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, June 26, 1985., 85-13879

**United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Alcoholism and Drug Abuse.**

National minimum drinking age : hearing before the Subcommittee on Alcoholism and Drug Abuse of the Committee

on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on examining the tragedy of alcohol-related auto fatalities and whether the answer to this problem is to increase the minimum drinking age ... June 19, 1984., 85-13903

**United States. Congress. Senate. Committee on Labor and Human Resources.**

Health maintenance organization amendments of 1984 : report (to accompany S. 2311)., 85-13665

Oversight on Boilermakers, 1983 : hearings before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, first session, on examination on alleged illegal sales of union memberships or books to unqualified welders by officials of local chapters of the International Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers., 85-13899

Radiation cancer liability : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 18, 1984., 85-13906

Reauthorization of the National Science Foundation, 1985 : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 4, 1984., 85-13902

**United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Aging.**

Longevity and the lifestyle of the older individual : hearing before the Subcommittee on Aging of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 27, 1984., 85-13901

**United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Education, Arts, and Humanities.**

Civil Rights Act of 1984 : joint hearing before the Subcommittee on Education, Arts, and Humanities and the Subcommittee on the Handicapped of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2568 ...., 85-13900

Reauthorization of the Library Services and Construction Act, 1984 : hearing before the Subcommittee on Education, Arts, and Humanities of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on proposed legislation authorizing funds for pro-

grams of the Library Services and Construction Act, March 23, 1984., 85-13904

**United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on Family and Human Services.**

Reauthorization of the Adolescent Family Life Demonstration Projects Act of 1981 : hearings before the Subcommittee on Family and Human Services of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 24 and 26, 1984., 85-13905

**United States. Congress. Senate. Committee on Labor and Human Resources. Subcommittee on the Handicapped.**

Civil Rights Act of 1984 : joint hearing before the Subcommittee on Education, Arts, and Humanities and the Subcommittee on the Handicapped of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2568 ...., 85-13900

**United States. Congress. Senate. Committee on Rules and Administration.**

Senate manual containing the standing rules, orders, laws, and resolutions affecting the business of the United States Senate : Articles of Confederation and the Constitution of the United States /, 85-13659

**United States. Congress. Senate. Committee on Small Business.**

S. 2489, the Small Business Competition Enhancement Act of 1984 and S. 2434, a bill to amend section 15 of the Small Business Act by requiring the assignment of breakout procurement center representatives : hearings before the Committee on Small Business, United States Senate, Ninety-eighth Congress, second session ... April 6 and 12, 1984., 85-13933

**United States. Congress. Senate. Committee on the Judiciary.**

State Justice Institute Act of 1984 : report (to accompany S. 384)., 85-13669

**United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Immigration and Refugee Policy.**

Fiscal year 1985 budget authorization of Immigration and Naturalization Service : hearing before the Subcommittee on Immigration and Refugee Policy of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session ... March 13, 1984., 85-13895

**United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Juvenile Justice.**

Child sexual abuse victims in the courts : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session on oversight hearings to consider the testimony of children in sexual abuse cases, May 2 and 22, 1984., 85-13898

Federal assistance to states to prevent the abuse of children in child care facilities : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 521 ... S. 1924 ... April 11 and September 18, 1984., 85-13897

Preventive detention of juveniles : hearing before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, oversight hearing to review the recent Supreme Court decision relating to the pretrial detention of juvenile offenders, June 19, 1984., 85-13892

**United States. Congress. Senate. Committee on the Judiciary. Subcommittee on Patents, Copyrights, and Trademarks.**

The Free Market Copyright Royalty Act of 1983 : hearing before the Subcommittee on Patents, Copyrights, and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 1270 ... March 13, 1984., 85-13894

Oversight on international copyrights : hearing before the Subcommittee on Patents, Copyrights and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on how to protect the nation's creativity by protecting the value of intellectual property, September 25, 1984., 85-13896

**United States. Congress. Senate. Committee on the Judiciary. Subcommittee on the Constitution.**

Commencement of terms of office of the President and Members of Congress : hearing before the Subcommittee on the Constitution of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 71 ... April 24, 1984., 85-13893

**United States. Congress. Senate. Committee on Veterans' Affairs.**

Veterans' Administration health care amendments of 1984 : hearing before the Committee on Veterans' Affairs, United States Senate, Ninety-eighth

Congress, second session, on S. 2210, S. 2269, amendment no. 2850 to S. 2269, S. 2278, S. 2514, and related bills, April 11, 1984., 85-13938

**United States. Congress. Senate. Select Committee on Indian Affairs.**

Shee Atika, Inc. : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-eighth Congress, first session, on an inquiry into the affairs of Shee Atika, Inc., November 2 and 3, 1983, Washington, DC., 85-13880

**United States. Congress (98th, 1st session : 1983). House.**

The United States and China : communication from the speaker transmitting a report to the United States House of Representatives., 85-13678

**United States. Congress (98th, 1st session : 1983).**

Joint session of Congress : message from the President of the United States transmitting his Central America policy., 85-13676

**United States. Congressional Budget Office.**

The budgetary status of the Federal Reserve System., 85-13945

Periodicals received by the CBO Library /, 85-13947

A style guide for CBO : about writing and word usage., 85-13946

**United States. Consumer and Marketing Service. Poultry Division.**

List of plants operating under USDA poultry and egg grading and egg products inspection programs /, 85-11973

**United States. Cooperative State Research Service.**

Directory of professional workers in state agricultural experiment stations and other cooperating state institutions., 85-11875

Inventory of agricultural research /, 85-12002, 85-12003

**United States. Crop Reporting Board.**

Citrus fruits. Revised estimates, by states., 85-11851

Cranberries /, 85-11975

Farm production expenditures /, 85-11977

Mushrooms /, 85-11976

Noncitrus fruits & nuts. Annual summary., 85-11974

**United States. Defense Logistics Agency.**

**Directorate of Supply Operations.**

Hazardous materials : storage and handling pocketbook., 85-12229

**United States. Defense Mapping Agency. Hydrographic Center.**

Summary of corrections : charts., 85-12144, 85-12145, 85-12146, 85-12147, 85-12148

World port index., 85-12149

**United States. Defense Mapping Agency. Hydrographic/Topographic Center.**

Africa-east coast, Somalia, Cadale (Itala) to Baraawe /, 85-12195

Africa-West Coast, Mauritania—Western Sahara : Cap Blanc to Nouakchott /, 85-12186

Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to Mys Nizmennyy /, 85-12213

Asia, Persian Gulf-southeastern part, Halat Al Mubarratz to Ash Shariqah /, 85-12197

Asia, South Korea-South coast, Donae Hae to Busan Hang (Tonae Hae to Pusan Hang), including Tsushima (Japan) /, 85-12214

Australia-north coast, Port Essington to Cape Stewart /, 85-12204

Baltic Sea, Sweden and Finland, Gulf of Bothnia /, 85-12184

Baltic Sea, Sweden-east coast, Gotland /, 85-12185

Brazil-east coast, Belmonte to Rio de Janeiro /, 85-12166

Brazil-East coast, Cabo de Sao Tome to Rio de Janeiro /, 85-12169

Brazil-east coast, Recife to Belmonte /, 85-12167

Brazil-north coast, Cabo Orange to Ilha de Maraca /, 85-12170

Central America, Pacific Coast, Cabo Velas to Punta Mala /, 85-12162

Chile, Bahia de Valparaiso to Golfo de Arauco /, 85-12164

Denmark Strait, Greenland (Denmark)-east coast, Kap Gustav Holm sheet /, 85-12179

Denmark Strait, Greenland (Denmark)-east coast, Lemon Bugt to Storo /, 85-12178

English Channel-North Sea, Dover to Orford Ness and Cap Gris-Nez to Hoek Van Holland /, 85-12176

Greenland-west coast, Nordra StrOm-fjord to Egedesminde /, 85-12180

Heng Jiao (Livock Reef) to Haima Tan (Rough Shoal) (Seahorse Shoal) /, 85-12211

Iceland-north coast, Horn to Raudinupur /, 85-12181

India-east coast, Bay of Bengal, Palar River to Penner River /, 85-12200

India, west coast, Tarapur to Bankot /, 85-12199

**U.S. Defense Mapping Agency.**

Indian Ocean, Africa-east coast, Kenya-Tanzania, Dar es Salaam to Mombasa Harbor /, 85-12194

Indian Ocean, Africa-East Coast, Somalia, g. Raas Garmaal to g. Raas Cabaad., 85-12196

Indian Ocean, Australia-West Coast, Western Australia, Houtman Abrolhos and adjacent coast /, 85-12205

Indonesia, South China Sea, Yongshu Jiao to Yongdeng Ansha /, 85-12210

Indonesia, Sumatera-east coast, Selat Bangka and Selat Gelasa /, 85-12202

Indonesia, Sumatera-West Coast, Padang to Bengkulu including Kepulauan Mentawai /, 85-12201

Japan, Honshu-east coast, Shiroya Zaki to Ishinomaki Wan., 85-12217

Japan, Honshu-northwest coast and Kyushu north coast, Kammon Kaikyo to Hirado Seto., 85-12219

Japan, Honshu-northwest coast, Noto Hanto and approaches., 85-12215

Japan, Honshu-northwest coast, Tottori Ko to Mikuni Ko., 85-12216

Japan, Honshu-south coast and Nojima Zaki to Omae Zaki., 85-12218

Loran-C secondary phase correction table : central Pacific /, 85-12160

Mediterranean, Adriatic Sea, Yugoslavia, Otok Brac to Dubrovnik /, 85-12192

Mediterranean Sea, Adriatic, Italy-east coast, Brindisi to Promontorio Del Gargano /, 85-12191

Mediterranean Sea, Italy-France, Sardegna (Sardinia), northern part /, 85-12190

Mediterranean Sea, Italy-west coast, Capo Tirone to Punta Caronia /, 85-12189

Mediterranean Sea, Italy-west coast, Civitavecchia to Isole di Ponza /, 85-12188

Mediterranean Sea, Libya-Gulf of Sidra, Ra's AlUwayja' to Ra's Tawinis /, 85-12193

Mediterranean Sea, Spain-southeast coast, Cartagena to Cabo de San Antonio /, 85-12187

New Zealand, North Island-east and west coasts, Manukau Harbor to Maunganui Bluff and Tutukaka Harbor to Mayor Island /, 85-12207

New Zealand, North Island-North Coast, Cape Maria Van Diemen to Tutukaka Harbor including Three Kings Islands /, 85-12206

New Zealand, North Island-West Coast, Cape Egmont to Manukau Harbour /, 85-12208

## U.S. Defense Mapping Agency.

North America-East Coast-Cape Race to Cape Henry /, 85-12161

North and west coasts of Spain, Cabo Silleiro to Cabo Penas /, 85-12173

North Sea, Denmark-Netherlands, West Germany, Ameland to Fano /, 85-12177

Norway, Lindesnes to Nordkapp /, 85-12182

Norway-west coast, Brandsfjord to Leka /, 85-12183

Omega propagation correction tables for 10.2 kHz : area 01 Northern Europe, Station F (Argentina) /, 85-12150

Omega propagation correction tables for 10.2 kHz : area 04, Alaska, station E (Reunion) /, 85-12151

Omega propagation correction tables for 10.2 kHz : area 04, Alaska, station G (Australia) /, 85-12152

Omega propagation correction tables for 10.2 kHz : area 06, Greenland, station A (Norway) /, 85-12153

Omega propagation correction tables for 10.2 kHz : area 07, Mediterranean, station H (Japan) /, 85-12154

Omega propagation correction tables for 10.2 kHz : area 08, Asia, station C (Hawaii) /, 85-12155

Omega propagation correction tables for 10.2 kHz : area 09, Northwest Pacific Station G (Australia) /, 85-12156

Omega propagation correction tables for 10.2 kHz : area 10, central Pacific, station G (Australia) /, 85-12157

Omega propagation correction tables for 10.2 kHz : area 11, North America, station G (Australia) /, 85-12158

Omega propagation correction tables for 10.2 kHz : area 17, east Pacific, station D (North Dakota) /, 85-12159

Persian Gulf, Kuwait-Iraq-Iran, Outer Approaches to Shatt Al Arab and Khawr-E Musa /, 85-12198

Scotland-east coast, Montrose to Berwick : facsimile reproduction of British Admiralty chart 1407., 85-12172

South America, Argentina-Uruguay-East Coast, Rio de la Plata to Bahia Blanca /, 85-12165

South America, Panama-Columbia and Venezuela-North coast, Golfo de Uruba to Puerto Cabello /, 85-12168

South America, Venezuela-Northeast coast, Serpents Mouth to Rio Orinoco, including approaches to Boca Grande /, 85-12171

South China Sea, Yongshu Jiao to P'olang Chiao /, 85-12212

South Pacific Ocean, Papua New Guinea and Solomon Islands, Solomon Islands /, 85-12209

Sumatera-east coast with offlying islands, Singapore Strait to Selat Bangka /, 85-12203

Summary of corrections : charts., 85-12144, 85-12145, 85-12146, 85-12147, 85-12148

United Kingdom-France, English Channel, Eddystone Rocks to Isle of Portland and Pointe de Beg to Cap Frehel /, 85-12174

United Kingdom-France, English Channel, Worthing to Dover and Courseulles to Cap Gris-Nez /, 85-12175

West coast, Nicaragua-Costa Rica, Corinto to Punta Guiones /, 85-12163

World port index., 85-12149

### United States. Defense Nuclear Agency.

A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319

### United States. Defense Property Disposal Service.

Sale by reference : instructions, terms & conditions applicable to Department of Defense personal property offered for sale by Defense Property Disposal Service., 85-12223

### United States. Dept. of Agriculture.

Code of federal regulations. 7, Agriculture., 85-12559

Forest fire news /, 85-11888

Report of the Secretary of Agriculture /, 85-11846

### United States. Dept. of Agriculture. Economic Research Service.

Agricultural finance statistics, 1960-83 /, 85-11849

Argentine agricultural policies in the grain and oilseed sectors /, 85-11982

Barley : background for 1985 farm legislation., 85-11870

The Brazilian soybean industry : economic structure and policy interventions /, 85-11980

Cameroon : an export market profile /, 85-11981

Corn : background for 1985 farm legislation., 85-11864

Cotton : background for 1985 farm legislation., 85-11869

Dairy : background for 1985 farm legislation., 85-11867

Federal credit programs for agriculture : background for 1985 farm legislation., 85-11873

Food consumption, prices, and expenditures /, 85-11852

Furrow dike water conservation practices in the Texas High Plains /, 85-11853

## Author Index

History of agricultural price-support and adjustment programs, 1933-84 : background for 1985 farm legislation., 85-11874

Hocking Soil and Water Conservation District resources inventory., 85-11956

Improving U.S. farmland /, 85-11872

Oats : background for 1985 farm legislation., 85-11866

Peanuts : background for 1985 farm legislation., 85-11862

Rice : background for 1985 farm legislation., 85-11863

Rice outlook & situation /, 85-11979

Sorghum : background for 1985 farm legislation., 85-11868

Soybeans : background for 1985 farm legislation., 85-11865

Sugar : background for 1985 farm legislation., 85-11871

Tobacco : background for 1985 farm legislation., 85-11861

Wheat : background for 1985 farm legislation., 85-11860

World food aid needs and availabilities /, 85-11978

### United States. Dept. of Agriculture.

Economic Research Service. Economic Development Division.

In-kind benefits and the nonmetro poor /, 85-12001

Nonmetropolitan fiscal indicators : a review of the literature /, 85-11983

### United States. Dept. of Agriculture.

Economic Research Service. International Economics Division.

Australian beef production and exports /, 85-11997

Cargo preference and U.S. wheat exports /, 85-11989

Consortium on Trade Research : agricultural trade policy issues in the eighties, current research, and long-term forecasting., 85-11994

Crop output growth : changes in component contributions for six developing countries /, 85-11993

Longrun changes in world food supply and demand : implications for development assistance policy /, 85-11987

Protection in agricultural markets /, 85-11995

West Germany : the effect of agricultural policy on production and trade /, 85-11990

World food aid needs and availabilities /, 85-11978

**United States. Dept. of Agriculture. Economics and Statistics Service.**  
Rice outlook & situation /, 85-11979

**United States. Dept. of Agriculture. National Economics Division.**

An analytical framework for examining investment in agriculture /, 85-11991

Factors affecting supply, demand, and prices of U.S. rice /, 85-12000

Measuring agricultural productivity : a new look /, 85-11992

Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation /, 85-11986

Social security taxation : impacts on farm operations and proposals for tax reform /, 85-11999

**United States. Dept. of Agriculture. Natural Resource Economics Division.**

Land management programs for agriculture in southwest Georgia /, 85-11996

Major uses of land in the United States : preliminary estimates for 1982 /, 85-11998

Models for evaluating economic impacts of policy changes : a comparison /, 85-11985

Recreation benefits from an improvement in water quality at St. Albans Bay, Vermont /, 85-11988

Use and cost of soil conservation and water quality practices in the Southeast /, 85-11984

**United States. Dept. of Agriculture. Office of Communication.**  
Fact book of U.S. agriculture., 85-11854

**United States. Dept. of Agriculture. Office of Governmental and Public Affairs.**  
Fact book of U.S. agriculture., 85-11854

**United States. Dept. of Agriculture. Office of Information.**  
Fact book of U.S. agriculture., 85-11854

**United States. Dept. of Agriculture. Office of International Cooperation and Development. Scientific and Technical Exchange Division.**

Management and organizational technologies of Chinese rural youth programs : a scientific exchange of rural youth programs between the U.S.A. and the People's Republic of China., 85-11954

**United States. Dept. of Agriculture. Office of the General Counsel.**  
Inventions available for licensing., 85-11971

**United States. Dept. of Agriculture. Office of the General Counsel. Research and Operations Division.**  
Inventions available for licensing., 85-11971

**United States. Dept. of Agriculture. Office of the Inspector General.**  
Semiannual report /, 85-11847

**United States. Dept. of Agriculture. Office of the Secretary.**

Food for peace, annual report on Public Law 480., 85-11878

**United States. Dept. of Agriculture. Statistical Reporting Service.**  
Usual planting and harvesting dates for U.S. field crops., 85-11876

**United States. Dept. of Commerce.**  
Aviation weather observations : for Supplementary Aviation Weather Reporting Stations (SAWRS) and limited Aviation Weather Reporting Stations (LAWRS)., 85-12016

Catalog of government patents /, 85-12096

**United States. Dept. of Commerce. Office of the Inspector General.**  
Semiannual report to the Congress /, 85-12015

**United States. Dept. of Defense.**  
Going strong! : women in defense., 85-12132

Internal control course., 85-12130

Prime contract awards in labor surplus areas /, 85-12136

Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 /, 85-12451

Space station needs attributes and architectural options, 85-13248

**United States. Dept. of Defense. Dependents Schools.**  
Language arts., 85-12133  
Overseas employment opportunities for educators., 85-12140

**United States. Dept. of Defense. Washington Headquarters Services. Directorate for Information Operations and Reports.**  
Prime contract awards by state., 85-12135

Prime contract awards in labor surplus areas /, 85-12136, 85-12137, 85-12138, 85-12139

**United States. Dept. of Education.**  
The American freshman : national norms for fall 1983 /, 85-12457

Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 /, 85-12451

**United States. Dept. of Education. Alcohol and Drug Abuse Education Program.**  
Alcohol and drug abuse prevention., 85-12425

An Overview of the School Team Approach /, 85-12426

**United States. Dept. of Education. Office of Student Financial Assistance.**  
The Pell grant formula /, 85-12441

**United States. Dept. of Energy.**  
CONC/11, a computer program for calculating the performance of dish-type solar thermal collectors and power systems, 85-13323

Congressional budget request., 85-12416  
Hybrid vehicle assessment, 85-13329

The kinematic stirling engine as an energy conversion subsystem for paraboloidal dish solar thermal power plants, 85-13313

National Synchrotron Light Source /, 85-12415

The Nuclear fuel cycle., 85-12413

Performance of the Lester battery charger in electric vehicles, 85-13315

Proceedings, Fifth Parabolic Dish Solar Thermal Power Program Annual Review, 85-13333

Proceedings of the Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (July 25, 26 and 27, 1983, at Port St. Lucie, Florida), 85-13334

A review of the silicon material task, 85-13331

Second-law efficiency of solar-thermal cavity receivers, 85-13320

Solar parabolic dish annual technology evaluation report, fiscal year 1982, 85-13229

Solar parabolic dish technology annual evaluation report, 85-13314

Solar thermal technology, 85-13219

Summary of photovoltaic system performance models, 85-13325

X-ray measurements of water fog density /, 85-13719

**United States. Dept. of Energy. Division of Energy Storage Systems.**  
Anion permselective membrane, 85-13402

**United States. Dept. of Energy. Energy Conversion and Utilization Technologies Division.**  
Industry, university, and research institute interest in the U.S. Department of Energy ECUT Biocatalysis Research Activity, 85-13259

**United States. Dept. of Energy. Idaho Operations Office.**  
A survey of gas-side fouling measure devices, 85-13322

## U.S. Dept. of Energy. Office of the Controller.

**United States. Dept. of Energy. Office of the Controller.**  
Congressional budget request., 85-12416

**United States. Dept. of Energy. Office of Transportation Programs.**  
Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157

**United States. Dept. of Energy. Office of Vehicle and Engine Research and Development.**  
Advanced gas turbine AGT technology project, 85-13389

Cold-air performance of compressor-drive turbine of Department of Energy upgraded automobile gas turbine engine, 85-13051

Creep-rupture behavior of candidate Stirling engine alloys after long-term aging at 760°C in low-pressure hydrogen, 85-13061

**United States. Dept. of Energy. Office of Vehicle and Engine Research and Development. Technology Development and Analysis Division.**  
Advanced gas turbine (AGT) technology development, 85-13401

**United States. Dept. of Energy. Wind Energy Technology Division.**  
Effect of vortex generators on the power conversion performance and structural dynamic loads of the Mod-2 wind turbine, 85-13062

**United States. Dept. of Health and Human Services.**  
Phoenix Indian Medical Center : drug formulary., 85-12638

**United States. Dept. of Housing and Urban Development.**  
Current housing reports. Series H-150, Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045

Demonstration and evaluation of energy efficient systems for residential structures : the energy efficient residence (EER-2) : final report /, 85-12723

**United States. Dept. of Housing and Urban Development. Office of Inspector General.**  
Office of Inspector General report to the Congress for the six month period ... /, 85-12722

Report to the Congress., 85-12722

**United States. Dept. of Housing and Urban Development. Office of Policy Development and Research.**  
Current housing reports. Series H-150, Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045

**United States. Dept. of Housing and Urban Development. Office of the Special Assistant to the Secretary for Indian and Alaska Native Programs.**

Annual report to Congress on Indian and Alaska native housing and community development programs., 85-12725

Department of Housing and Urban Development annual report to Congress on Indian and Alaska native housing and community development programs., 85-12725

Indian and Alaska native housing and community development programs., 85-12725

**United States. Dept. of Justice.**

Challenge, change, and achievement : the Department of Justice, 1981-1985 : a report to employees /, 85-12986

Handbook on the Comprehensive Crime Control Act of 1984 and other criminal statutes enacted by the 98th Congress., 85-12989

**United States. Dept. of Justice. Criminal Division.**

Criminal Division : [annual report] /, 85-12987

**United States. Dept. of Justice. Justice Management Division.**

The fiftieth anniversary of the U.S. Department of Justice building, 1934-1984 /, 85-12985

**United States. Dept. of Justice. Justice Management Division. Office of Information Technology.**

Library data base guide., 85-12991

Library Services handbook., 85-12990

**United States. Dept. of Labor. Office of the Inspector General.**

Semiannual report of the Inspector General /, 85-13011

**United States. Dept. of State.**

Country reports on human rights practices : report submitted to the Committee on Foreign Relations, U.S. Senate and Committee on Foreign Affairs, U.S. House of Representatives by the Department of State in accordance with sections 116(d) and 502B(b) of the Foreign Assistance Act of 1961, as amended., 85-13864

Foreign relations of the United States /, 85-13515

The Gambia, post report., 85-13532

Liberia, post report., 85-13533

Misconceptions about U.S. policy toward Nicaragua /, 85-13516

Nepal : post report., 85-13534

**United States. Dept. of State. Bureau of Public Affairs.**

US prosperity and the developing countries., 85-13535

**United States. Dept. of State. Office of Public Communication. Editorial Division.**  
Background notes, Benin., 85-13525

Background notes, Cyprus., 85-13526

Background notes, Ecuador., 85-13527

Background notes, Guatemala., 85-13528

Background notes, Jamaica., 85-13529

Background notes, Luxembourg., 85-13530

Background notes, Vatican City., 85-13531

Geneva and beyond : new arms control negotiations : January 14, 1984., 85-13522

Implementation of Helsinki Final Act /, 85-13536

The medium-term outlook for the world economy : November 22, 1984., 85-13520

Rededication to the cause of human rights : December 10, 1984 /, 85-13519

Reflections on East-West Relations : November 27, 1984., 85-13517

South Asia and U.S. foreign policy : December 12, 1984., 85-13521

The Stockholm conference : a report on the first year : December 3, 1984., 85-13518

Strength and diplomacy : toward a new consensus?, 85-13523

**United States. Dept. of the Air Force.**

Handbook for service attaches accredited to the Department of the Air Force., 85-12374

HP 1000 E-series computer, HP 2109B and HP 2113B installation and service manual., 85-12371

Joint airdrop inspection records, malfunction investigations, and activity reporting : operations., 85-12369

Legal services : status of forces policies, procedures, and information., 85-12251

Pavement design for seasonal frost conditions., 85-12254

Storage and maintenance procedures with illustrated parts breakdown : adapter, guidance section to warhead, ADU-452A/B, part no. HA020503-301-00., 85-12376

Storage and maintenance procedures with illustrated parts breakdown : airfoil group, guided bomb, MXU-724/B, part no. HK020503-601-00., 85-12375

## Author Index

Storage and maintenance procedures with illustrated parts breakdown : target detecting device, modular guided bomb, DSU-27A/B, part no. HG020601-001-00., 85-12377

#### United States. Dept. of the Army.

Advanced labor negotiation techniques., 85-12274

Air traffic control radar controller : soldier's manual : skill level 1, MOS 93J., 85-12270

Aircraft fire control repairer, MOS 68J : skill levels 1/2 : soldier's manual., 85-12271

Allison transmissions : automatic models AT 540., 85-12373

Army Medical Specialist Corps : the Army Medical Team., 85-12300

Basic rifle marksmanship trainer's guide., 85-12246

Be a vital part of American medicine as an Army physician : the Army medical team., 85-12297

Benefits, the Army Reserve : what you get out of it., 85-12296

Beyond high school : the army's education planning guide., 85-12308

Calibration procedure for automatic phase locking synchronizer, Weinschel engineering model 4311B option 3., 85-12277

Calibration procedure for automotive generator and voltage regulator test sets (general)., 85-12276

Calibration procedure for calibration fixture, Hewlett-Packard model 11715A., 85-12278

Calibration procedure for electrical test stand, United Manufacturing Company, models APS, type 18/500-1, part number 7085-5, federal stock number 4920-508-6345., 85-12295

Calibration procedure for electronic voltmeters AN/URM-145 (Boonton, model 91CA), AN/URM-145A, AN/URM-145B, AN/URM-145C, AN/URM-145D/U, and RF voltmeters, Boonton, models 91C, 91CA-S4, 91DA, 91H, and 91HR., 85-12283

Calibration procedure for hygograph and thermograph system, Honeywell, model Y612X21-FH-11-111-77, Weathertronics model 5020, and Foxboro, model A127., 85-12285

Calibration procedure for multimeter ME-297/U., 85-12282

Calibration procedure for oscilloscope; AN/USM-184 (Tektronix Type 545A), AN/USM-196 and OS-159 (P)/USM-195 (Tektronix Type RM45A and Lavoie model LA265A)., 85-12279

Calibration procedure for oscilloscopes AN/USM-140 and AN/USM-141

(Hewlett-Packard models 170 and 170AR), AN/USM-140A (Hickok Instrument Co., model 1807), AN/USM-140B and AN/USM-141A (Hewlett-Packard models 170B and 170BR), AN/USM-140C and AN/USM-141B (Hickok Instrument Co.) ..., 85-12280

Calibration procedure for peak power calibrator, Hewlett-Packard, model 8900B., 85-12287

Calibration procedure for signal generator, AN/URM-52( ), TS-621( ), and Hewlett-Packard models 618B and 618C., 85-12288

Calibration procedure for standard capacitors fixed and variable (general)., 85-12281

Calibration procedure for telephone test set TA-885/U and Hewlett-Packard, model 3555B., 85-12284

Calibration procedure for weights (mass) (general)., 85-12286

Direct support and general support maintenance repair parts and special tools list for radio frequency plug-in, Weinschel Engineering Company model 432AP-2 (NSN 4931-01-060-0525)., 85-12262

Direct support and general support maintenance repair parts and special tools list for selected items of secondary transfer standards calibration set AN/GSM-259 (NSN 4931-01-019-1829)., 85-12261

Direct support and general support maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-952-5840, Huber model E1012M, w/sprinkler only, NSN 3895-00-902-8455., 85-12257

Direct support and general support maintenance repair parts and special tools lists (including depot maintenance repair parts and special tools lists) : compressor, rotary, air, wheel mounted, pneumatic tires, diesel driven, 600 CFM, 100 psi, Ingersoll-Rand model DR-600, nonwinterized, serial numbers 600AR 18604 through 600AR 18838, 600 AR21871 through 600AR 22070 ..., 85-12258

DS and GS maintenance manual : radar set AN/MPQ-51 (XO-1) (Improved Hawk Air Defense Guided Missile System)., 85-12260

Earn Army pay and benefits as a civilian., 85-12306

Equipment improvement report and maintenance digest : DRAGON Medium Antitank/Assault Weapon System, (second quarter, CY 1984)., 85-12291

Equipment improvement report and maintenance digest : HAWK Air Defense Guided Missile System and HAWK battery terminal equipment, (second quarter, CY 1984)., 85-12290

Equipment improvement report and maintenance digest : Multiple Launch Rocket System, second quarter, CY 1984., 85-12294

Equipment improvement report and maintenance digest : (Nike-Hercules and Improved Nike-Hercules Air Defense Guided Missile System), second quarter, CY 1984., 85-12289

Equipment improvement report and maintenance digest (US Army Tank-Automobile Command) : commercial automotive equipment (Jan thru June - 1st half CY 84)., 85-12292

Equipment improvement report and maintenance digest (US Army Tank-Automobile Command) material handling equipment (Jan thru June - 1st half CY 84)., 85-12293

Food service data feedback program., 85-12252

Fort Riley : its historic past., 85-12233

A Good place for a BSN to start : the Army Medical Team., 85-12299

Hand receipt catalog covering content of : sets, kits, and outfits, components list for shop equipment, canvas and glass shop, shelter mounted (NSN 4940-00-209-6239) (LIN T10038)., 85-12267

Hand receipt catalog covering content of sets, kits, and outfits components list : calibration set, secondary transfer standards (augmented), AN/GSM-287, (NSN 6695-01-081-4873), (line item no. Z12223)., 85-12268

"Have fun coloring and learn how to prevent crime too!" : the crime prevention coloring book., 85-12232

Health Professions Scholarship Program : the Army Medical Team., 85-12298

How not to blow a job interview., 85-12307

How to protect yourself against crime., 85-12231

Legal services : status of forces policies, procedures, and information., 85-12251

List of applicable publications (LOAP) for Lance Field Artillery Missile System., 85-12259

List of storage and outloading drawings for ammunition., 85-12272

Load-testing vehicles used to handle missiles and rockets, medium wrecker M62, medium wrecker truck M543 series, and M816, and wrecker-truck

tractor M246 series, and M819., 85-12275

Materiel fielding agreement : M1 Abrams tank system between III Corps and Ft Hood and program manager M1 Abrams tank system., 85-12238

The Medical Service Corps : the Army Medical Team., 85-12301

Medical specialist., 85-12269

Military police : military working dogs., 85-12253

Operator's and organizational maintenance manual (including repair parts and special tools lists) together with supplemental operating maintenance and repair parts instructions (SO-MARPI) for spreader, lifting frames, NSN 3990-01-128-0089 (linefast model no. 7127-51A-20L), NSN 3990-01-128-0090 (linefast model no. 7127-51A-35L) ..., 85-12263

Organizational, direct support and general support maintenance repair parts and special tools lists : drier-mixer, bituminous-concrete materials, wheel mounted, gasoline engine driven, 2 wheel, pneumatic tires, 3 to 10 ton per hr. (NSN 3895-00-755-4761) : Wylie model PM-415-MIL., 85-12255

Organizational, direct support, general support and depot manual : shipment, handling, storage, inspection, care and preservation : HAWK Air Defense Guided Missile System., 85-12264

Organizational maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-902-8455, w/sprinkler only, NSN 3895-00-952-5840, Huber model E1012M., 85-12256

Pavement design for seasonal frost conditions., 85-12254

Philippines, a country study /, 85-12273

Procedure for destruction of tow heavy antitank/assault weapon to prevent enemy use., 85-12265

Reserve company commander's handbook., 85-12241

Standard "B" ration for the armed forces., 85-12266

2-line and 8-line communications multiplexors maintenance manual., 85-12372

**United States. Dept. of the Interior.**  
Code of Federal regulations. 43, Public lands, interior., 85-12564  
The Interior budget in brief /, 85-12726  
Taylor Grazing Act in Nevada, 1934-1984., 85-12961

**United States. Dept. of the Treasury.**  
Attorney careers with the Legal Division., 85-13552  
Project hire., 85-13560

**United States. Dept. of the Treasury. Bureau of Government Financial Operations.**  
Report on foreign currencies held by the U.S. Government., 85-13582

**United States. Dept. of the Treasury. Office of the General Counsel.**  
Office of General Counsel : 50th anniversary, 1934-1984., 85-13551

**United States. Dept. of the Treasury. Office of the Secretary.**  
United States of America, treasury notes of August 15, 1987, series P-1987., 85-13554  
United States of America, treasury notes of July 31, 1986, series W-1986., 85-13553

**United States. Dept. of Transportation.**  
Aviation weather observations : for Supplementary Aviation Weather Reporting Stations (SAWRS) and limited Aviation Weather Reporting Stations (LAWRS)., 85-12016  
Transit marketing in Pennsylvania : a handbook of effective transit marketing aids /, 85-13585

**United States. Dept. of Transportation. Research and Special Programs Administration.**  
All about radioactive materials packages : a guide for supervisors at cargo terminals., 85-13637  
Pipeline safety regulations : enforcement procedures, part 190 : natural gas, part 191-192., 85-13638, 85-13639

**United States. Division of Building Technology.**  
Residential water conservation projects : summary report /, 85-12724

**United States. Division of Electric Energy Systems.**  
Effects of voltage control in utility interactive dispersed storage and generation systems., 85-13318

**United States. Division of Photovoltaic Energy Technology.**  
Low-frequency switching voltage regulators for terrestrial photovoltaic systems, 85-13050

**United States. Employment Standards Administration. Wage and Hour Division.**  
Regulations, part 5 : labor standards provisions applicable to contracts covering federally financed and assisted construction : title 29, part 5 of the Code of Federal Regulations., 85-13016

**United States. Environmental Protection Agency.**  
Hazardous waste sites : descriptions of 244 sites on proposed update #2 to national priorities list, October 1984., 85-12479

**United States. Environmental Protection Agency. Emission Standards and Engineering Division.**  
Method 16A for determination of total reduced sulfur emissions : summary of comments and responses., 85-12522

**United States. Environmental Protection Agency. Occupational Health and Safety Staff.**  
Occupational health and safety program., 85-12481

**United States. Environmental Protection Agency. Office of Air Quality Planning and Standards.**  
Optimum sampling site exposure criteria for lead /, 85-12521

**United States. Environmental Protection Agency. Office of Health and Environmental Assessment.**  
Workshop proceedings : approaches for improving the assessment of human genetic risk : human biomonitoring, December 13-15, 1982, Washington, DC /, 85-12485

**United States. Environmental Protection Agency. Office of Pesticide Programs. Registration Division.**  
Wood preservative pesticides : creosote, pentachlorophenol, and the inorganic arsenicals., 85-12523

**United States. Environmental Protection Agency. Office of Radiation Programs.**  
Background information document : (integrated risk assessment) : final rules for radionuclides., 85-12524

**United States. Environmental Protection Agency. Office of the Inspector General.**  
What to do before and after the auditors arrive., 85-12478

**United States. Environmental Protection Agency. Office of Water Program Operations.**  
Internal control review report on the municipal wastewater treatment works construction grants program /, 85-12519  
Value engineering for wastewater treatment works /, 85-12520

**United States. Environmental Protection Agency. Office of Water Regulations and Standards. Criteria Standards Division.**  
Technical support manual : waterbody surveys and assessments for conducting use attainability analyses., 85-12525

**United States. Environmental Protection Agency. Quality Assurance Division.**  
Quality assurance handbook for air pollution measurement systems., 85-12483

**United States. Environmental Protection Agency. Region V.**  
Toxic chemicals : what they are, how they affect you., 85-12482

**United States. Extension Service.**  
A Catalyst for change : the Extension Service /, 85-11953

**United States. Extension Service. 4-H Office.**  
Management and organizational technologies of Chinese rural youth programs : a scientific exchange of rural youth programs between the U.S.A. and the People's Republic of China., 85-11954

**United States. Farmers Home Administration.**  
A Brief history of Farmers Home Administration /, 85-11972

**United States. Federal Aviation Administration.**  
Air carrier operations inspector's handbook : part 135., 85-13609

Air traffic control., 85-13606

Aviation Fuel Conservation Symposium : September 10-11, 1984 /, 85-13607

FAA directory /, 85-13617

Federal Aviation Administration directory., 85-13617

Federal aviation regulations. Part 39, Airworthiness directives., 85-13613, 85-13614

Installation of fuel flowmeters in small airplanes with continuous-flow, fuel-injection, reciprocating engines., 85-13610

Nationally scheduled Federal Aviation Administration (FAA) approved, industry-conducted flight instructor refresher clinics., 85-13611

Pilot proficiency award program., 85-13612

Take off for opportunities : leader's guide /, 85-13608

Your shoulder harness : if you've got it use it!, 85-13616

**United States. Federal Aviation Administration. Office of Environment and Energy.**  
Noise measurement flight test : data/analyses, Sikorsky S-76A helicopter /, 85-13615

**United States. Federal Bureau of Investigation.**  
Automated fingerprint identification : regional application of technology /, 85-12994

Financial investigative techniques money laundering., 85-12993

Interrogation after assertion of rights /, 85-12996

Raising the stakes in carnival fraud /, 85-12995

Shoe and tire impression evidence /, 85-12997

**United States. Federal Communications Commission.**  
Annual report /, 85-12124

Directory of field contacts for the coordination of the use of radio frequencies., 85-12125

**United States. Federal Emergency Management Agency.**  
Flood insurance study : city of Florence, Colorado, Fremont County., 85-12528

Flood insurance study : city of Liberty, Missouri, Clay County., 85-12529

Governor's checklist for emergency and major-disaster declarations., 85-12527

Ready to serve the nation : National Defense Executive Reserve., 85-12526

**United States. Federal Energy Regulatory Commission. Office of Pipeline and Producer Regulation.**

Phase 1A pipeline project : environmental assessment : Algonquin Gas Transmission Company, Texas Eastern Transmission Corporation, Transcontinental Gas Pipe Line Corporation, docket nos. CP82-119-007, CP82-446-003, and CP84-146-001., 85-12418

**United States. Federal Grain Inspection Service.**  
Annual report to Congress /, 85-12007

**United States. Federal Highway Administration.**  
Construction of a recycled portland cement concrete pavement /, 85-13598

Highway statistics /, 85-13593

License plates /, 85-13601

Pavement and shoulder maintenance performance guides., 85-13596

The use of fly ash in highway construction /, 85-13600

A World of technology for sharing : America's international highway program., 85-13592

**United States. Federal Highway Administration. Demonstration Projects Division.**

Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) /, 85-13599

**United States. Federal Highway Administration. Office of Implementation.**  
Methods of effective transfer and implementation of highway maintenance technology., 85-13594

**United States. Federal Labor Relations Authority.**  
Decisions of the Federal Labor Relations Authority., 85-13699, 85-13700

**United States. Federal Labor Relations Authority. Office of Operations and Technical Assistance.**  
Decisions of the Federal Labor Relations Authority., 85-13699, 85-13700

**United States. Federal Maritime Commission.**  
Automobile manufacturers' measurements., 85-12530

**United States. Federal Railroad Administration. Office of Research and Development.**  
Correlation of concrete tie track performance in revenue service and at the facility for accelerated service testing., 85-13604

**United States. Federal Railroad Administration. Office of Safety.**  
Summary of accidents investigated by the Federal Railroad Administration in the ... /, 85-13605

**United States. Federal Trade Commission.**  
A Guide to the Federal Trade Commission., 85-12532

Import quotas on textiles : the welfare effects of United States restrictions on Hong Kong : an economic policy analysis /, 85-12531

**United States. Food and Drug Administration.**  
Introduction to the Parklawn Computer Center., 85-12685  
PMS blue book., 85-12683

**United States. Food and Nutrition Service.**  
Directory of cooperating agencies /, 85-12004

**United States. Food Safety and Inspection Service.**  
List of proprietary substances and non-food compounds authorized for use under USDA inspection and grading programs /, 85-11855

**United States. Food Safety and Quality Service. Poultry and Dairy Quality Division.**  
List of plants operating under USDA poultry and egg grading and egg products inspection programs /, 85-11973

## U.S. Foreign Agricultural Service.

**United States. Foreign Agricultural Service.**  
Cameroon : an export market profile /  
85-11981

**United States. Forest Pest Management.**  
An aid to identifying aspen diseases frequently encountered in the Rocky Mountains /, 85-11950

**United States. Forest Pest Management.**  
**Methods Application Group.**  
Panoramic aerial photography for assessing foliage protection achieved by aerial sprays directed against the gypsy moth., 85-11879

**United States. Forest Service.**  
Campground information : Wayne-Hoo-sier National Forest Campgrounds., 85-11882

Dolly Sods Wilderness and Scenic Area, Monongahela National Forest, West Virginia /, 85-11885

A Guide to the Forest Service Appeal Regulation (36 CFR 211.18), 85-11889

Land and resource management plan : draft environmental impact statement : Medicine Bow National Forest and Thunder Basin National Grassland., 85-11947

Lodgepole pine dwarf mistletoe /, 85-11890

A recreation manager's guide to understanding river use and users /, 85-11945

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

Research accomplishments., 85-11946

Spruce budworms situation in North America, 1982., 85-11856

**United States. Forest Service. Northern Region.**  
National Forests, Northern Region, 1981 /, 85-11886

**United States. Forest Service. Pacific Northwest Region.**  
Campground information : Wallowa-Whitman National Forest., 85-11881  
Colville National Forest firewood map., 85-11883

Gifford Pinchot National Forest, Washington, 1984 /, 85-11884

Umatilla National Forest, Oregon and Washington, 1976 /, 85-11887

**United States. Forest Service. Rocky Mountain Region.**  
Medicine Bow National Forest and Thunder Basin National Grassland : land and resource management plan (proposed)., 85-11948

**United States. Forest Service. Southern Region.**  
Proposed land and resource management plan : Nantahala & Pisgah National Forests, North Carolina., 85-11949  
Soils and vegetation of the Apalachicola National Forest., 85-11880

**United States. General Accounting Office.**  
Better monitoring and recordkeeping systems needed to accurately account for juvenile justice practice : report to the Chairman, Subcommittee on Human Resources, Committee on Education and Labor, House of Representatives /, 85-12534

Community services block grant : new state role brings program and administrative changes : report to the Congress /, 85-12535

Examination of the financial statements of the Export-Import Bank of the United States for the fiscal year ended September 30, 1983 : report to the Congress of the United States /, 85-12533

Federal evaluations : a directory /, 85-12537

Federal minerals royalty management : an analysis of problem areas related to the management of the federal minerals royalty management program by the Minerals Management Service of the Department of Interior with recommended solutions : a report /, 85-13881

Implementation of the Federal Managers' Financial Integrity Act : first year : report to the Congress /, 85-12536

**United States. General Services Administration. Office of Administration.**  
Detailed listing of real property owned by the United States and used by civil agencies throughout the world as of ..., 85-12554

**United States. Government Printing Office.**  
Computers : a selection of books for sale by the Superintendent of Documents., 85-12538

**United States. Health Care Financing Administration. Bureau of Support Services.**  
National listing of providers furnishing kidney dialysis and transplant services /, 85-12718

**United States. Health Resources and Service Administration. Division of Nursing.**  
Special projects for improvement in nurse training : a listing, June 1978 to September 1983., 85-12717

**United States. Health Resources and Services Administration.**  
HRSA significant employment profile highlights., 85-12715

## Author Index

**United States. Health Resources and Services Administration. Office of Planning, Evaluation, and Legislation.**  
Developing childhood injury prevention programs : an administrative guide for state maternal and child health (Title V) programs /, 85-12716

**United States. Hydrographic Office.**  
World port index., 85-12149

**United States. Immigration and Naturalization Service.**  
Border patrol agent as a career., 85-12998

**United States. Interagency Task Force on Acid Precipitation.**  
Operating research plan /, 85-12414

**United States. Interagency Whitewater Committee.**  
River information digest, 1985 : for popular western whitewater boating rivers managed by federal agencies /, 85-12947

**United States. Internal Revenue Service.**  
Accounting periods and methods., 85-13569

Arbitration handbook., 85-13561

Bankruptcy., 85-13578

Catalog of federal tax forms, form letters, and notices., 85-13557

Cumulative list of organizations described in section 170 (c) of the Internal Revenue Code of 1954., 85-13559

Fiscal year 1985 : House/Senate hearings, Committee on Appropriations : Subcommittee on the Treasury, Postal Service, and General Government Appropriations., 85-13558

Fuel tax credits., 85-13566

Individual retirement arrangements (IRA's)., 85-13575

Investment credit., 85-13573

Jobs and research credits., 85-13577

Magnetic tape reporting for Form 941, Employers quarterly federal tax return., 85-13581

Revenue procedure 85-1., 85-13562

Revenue procedure 85-2., 85-13563

A selection of 1984 Internal Revenue Service tax information publications., 85-13580

Small business tax workshop : workbook., 85-13579

Tax information for homeowners associations., 85-13574

Tax information on corporations., 85-13570, 85-13571

- Tax-sheltered annuity programs for employees of public schools and certain tax-exempt organizations., 85-13572
- Travel, entertainment, and gift expenses., 85-13567
- U.S. tax guide for aliens., 85-13568
- U.S. tax treaties., 85-13576
- United States. Internal Revenue Service. Statistics of Income Division.**  
Statistics of income. Corporation income tax returns documentation guide., 85-13564
- Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565
- United States. International Trade Administration.**  
International countertrade : a guide for managers and executives /, 85-12120
- Selling to the government of Mexico /, 85-12121
- United States. International Trade Administration. Office of Computers and Business Equipment.**  
A Competitive assessment of the United States software industry., 85-12118
- United States. International Trade Administration. Office of Trade and Investment Analysis.**  
U.S. trade performance in ... and outlook /, 85-12122
- United States. Joint Chiefs of Staff.**  
Mobility system policies, procedures and considerations., 85-12142
- United States. Joint Financial Management Improvement Program.**  
The Proceedings of the Thirteenth Annual Financial Management Conference : Financial management reform : where we are and where we're headed., 85-13497
- United States. Law Enforcement Assistance Administration.**  
The Crime prevention activity book., 85-12999
- United States. Marine Corps.**  
Standard "B" ration for the armed forces., 85-12266
- United States. Maritime Administration.**  
Decisions of the Maritime Subsidy Board, Maritime Administration, Department of Commerce., 85-12094
- Report on survey of U.S. shipbuilding and repair facilities /, 85-13644
- Vessel inventory report /, 85-13643
- United States. Maritime Administration. Office of Subsidy Administration.**  
Vessel inventory report /, 85-13643
- United States. Maritime Administration. Office of Trade Studies and Statistics. Division of Statistics.**  
Vessel inventory report /, 85-13643
- United States. Maritime Subsidy Board.**  
Decisions of the Maritime Subsidy Board, Maritime Administration, Department of Commerce., 85-12094
- Maritime Subsidy Board, Maritime Administration, Department of Commerce reports., 85-12094
- United States. Merit Systems Protection Board. Office of the Special Counsel.**  
The role of the Office of Special Counsel., 85-13029
- United States. Military Traffic Management Command.**  
Department of Defense personal property storage : field training workbook for quality assurance., 85-12237
- United States. Minerals Management Service.**  
Isopach map of Holocene sediment, Outer Continental Shelf between Yakutat Bay and Dry Bay, Eastern Gulf of Alaska, 85-12805
- Summary report on the regional geology, petroleum potential, environmental consideration for development, and estimates of undiscovered recoverable oil and gas resources of the United States Gulf of Mexico Continental Margin in the area of proposed oil and gas lease sales nos. 81 and 84, 85-12837
- Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835
- United States. National Advisory Council on Adult Education.**  
The ... annual report to the President of the United States of the National Advisory Council on Adult Education., 85-13697
- United States. National Aeronautics and Space Administration.**  
"An extended d(min) = 4 RS code", 85-13282
- Analysis of carbon dioxide bands near 2.2 um, 85-13275
- An analysis of spectral discrimination between corn and soybeans using a row crop reflectance model, 85-13372
- An analytical method to predict efficiency of aircraft gearboxes, 85-13074
- Anisotropic models of the upper mantle, 85-13255
- Annual report to National Aeronautics and Space Administration for characterization of physio-chemical properties of polymeric and electrochemical materials for aerospace flight, 85-13438
- Aplicaciones de los sensores remotos a problemas hidrologicos e inundaciones, 85-13364
- Application of a quasi-3D inviscid flow and boundary layer analysis to the hub-shroud contouring of a radial turbine, 85-13055
- Application of image processing technology to problems in manuscript encapsulation, 85-13226
- Basic and applied research related to the technology of space energy conversion systems, 1982-1983, 85-13260
- The boundary layer on compressor cascade blades, 85-13244
- CCRS proposal for evaluating LANDSAT-4 MSS and TM data, 85-13422
- Characteristics of arc currents on a negatively biased solar cell array in a plasma, 85-13082
- Cloud cover typing from environmental satellite imagery, 85-13316
- Combustion characteristics in the transition region of liquid fuel sprays, 85-13430
- A computer program for predicting nonlinear uniaxial material responses using viscoplastic models, 85-13060
- CONC/11, a computer program for calculating the performance of dish-type solar thermal collectors and power systems, 85-13323
- Confined turbulent swirling recirculating flow predictions, 85-13431
- The construction of a highly transportable laser ranging station, 85-13434
- Correlated measurements of UHF radar signatures, RF radiation, and electric field changes from lightning, 85-13084
- Creep-rupture behavior of candidate Stirling engine alloys after long-term aging at 760°C in low-pressure hydrogen, 85-13061
- Crystal growth of device quality GaAs in space, 85-13208, 85-13337
- Cut-off rate calculations for the outer channel in a concatenated coding system, 85-13278
- Daring what others dream., 85-13031
- Demonstration of angular anisotropy in the output of thematic mapper, 85-13421
- Deposition stress effects on thermal barrier coating burner rig life, 85-13056
- Development INTERDATA 8/32 computer system, 85-13449
- Development of limb volume measuring system, 85-13177

Do not order from index; see indicated entry

Page I-349

- Development of new intercalated cathode materials for use in sodium batteries, 85-13205
- Dye laser traveling wave amplifier, 85-13408
- The Dynamics and control of large flexible space structures-VI, 85-13363
- Effect of vortex generators on the power conversion performance and structural dynamic loads of the Mod-2 wind turbine, 85-13062
- Effects of chemical releases by the STS-3 orbiter on the ionosphere, 85-13171
- The effects of solar incidence angle over digital processing of LANDSAT data, 85-13371
- Effects of voltage control in utility interactive dispersed storage and generation systems, 85-13318
- Efficiency of nonstandard and high contact ratio involute spur gears, 85-13081
- The Embedded operating system project, 85-13239
- Environmental, health, and safety assessment of photovoltaics, 85-13327
- Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies, 85-13242, 85-13420
- An evaluation of the directed flow graph methodology, 85-13269
- Evaluation of the HARDMAN comparability methodology for manpower, personnel, and training, 85-13321
- Evaluation of two polyimides and of an improved liner retention design for self-lubricating bushings, 85-13076
- Experiments in control of flexible structures with noncollocated sensors and actuators, 85-13423
- Facilities for meteorological research at the NASA Goddard/Wallops Flight Facility, 85-13083
- Fast decoding of a  $d(\min) = 6$  RS code, 85-13283
- "Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes", 85-13281
- Feasibility study to conduct windblown sediment experiments aboard a space station, 85-13454
- Final technical report, 85-13387
- Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAG5-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies', 85-13414
- Final technical report to National Aeronautics and Space Administration for contract #NAS5-24486, 85-13415
- Flat-plate solar array project, 85-13347
- General aviation aircraft interior noise problem, 85-13357
- A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319
- High resolution bone mineral densitometry with a gamma camera, 85-13086
- High resolution hard x-ray spectra of solar and cosmic sources, 85-13266
- High resolution X- and gamma-ray spectroscopy of solar flares, 85-13210
- High speed inviscid compressible flow by the finite element method, 85-13262
- Hybrid vehicle assessment, 85-13329
- Identifying environmental features for land management decisions, 85-13379
- Impact experiments in viscous fluid media, 85-13222
- The impulsive hard x-rays from solar flares, 85-13452
- In-flight absolute radiometric calibration of the thematic mapper, 85-13382
- In-situ measurements of alloy oxidation/corrosion/erosion using a video camera and proximity sensor with microcomputer control, 85-13058
- Influence of soft inclusions on the strength of wrought materials, 85-13277
- The Infrared spectral analysis of  $CF_3Cl$ , 85-13224
- Interaction of sulfuric acid corrosion and mechanical wear of iron, 85-13075
- Interference problems for nongeostationary satellites, 85-13307
- Investigation of compounds essential for the origin of life, 85-13250
- Investigation of dynamic noise affecting geodynamics information in a tethered subsatellite, 85-13264
- Investigation of forestry resources and other remote sensing data, 85-13419
- An investigation of the transient thermal analysis of spur gears, 85-13080
- Kinematic analysis of Hurricane Frederick (1979) using satellite, aircraft and rawinsonde data, 85-13451
- The kinematic stirling engine as an energy conversion subsystem for paraboloidal dish solar thermal power plants, 85-13313
- Land-surface influences on weather and climate, 85-13271
- Land use inventory of Salt Lake County, Utah from color infrared aerial photography, 1982, 85-13378
- Landsat-D investigations in snow hydrology, 85-13368
- LANDSAT-D thematic mapper image dimensionality reduction and geometric correction accuracy, 85-13374
- LANDSAT 4 program, 85-13366
- Lead salt diode lasers and development of tunable solid state lasers for remote sensing, 85-13356
- Levantamento da frequencia de cobertura de nuvens em dados do LANDSAT no periodo de 1973 a 1981, 85-13384
- "Long range coherence in free electron lasers", 85-13285
- Lower mantle heterogeneity, dynamic topography and the geoid, 85-13284
- Lubricant jet flow phenomena in spur and helical gears with modified center distances and/or addendums, 85-13079
- The magnetic petrology of the deep crust and the interpretation of regional magnetic anomalies, 85-13439
- Magnetic properties of Martian surface material, 85-13243
- Manned geosynchronous mission requirements and systems analysis study extension, 85-13253
- Manufacture of DPFC-DMS polymer in the SKG range, 85-13455
- Manufacturing in space : fluid dynamics numerical analysis, 85-13435
- Martian surface properties, 85-13223
- Materials for advanced turbine engines (MATE) : Project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner /, 85-13399, 85-13400
- Materials Processing in Space Workshop minutes, October 27-28, 1982, 85-13246
- Measurement of transmission loss characteristics using acoustic intensity techniques at the KU-FRL acoustic test facility, 85-13216
- Middle Atmosphere Program : handbook for MAP., 85-13131
- Mode II fatigue crack growth specimen development, 85-13078
- Modeling degradation and failure of Ni-Cr-Al overlay coatings, 85-13057
- NASA-Ames summer high school apprenticeship research program, 85-13090
- NASA grant and cooperative agreement handbook instruction., 85-13130
- NASA space station needs, attributes, and architectural options, 85-13290
- [NASA-Texas planetary program], 85-13358

- NASTRAN forced vibration analysis of rotating cyclic structures, 85-13362
- Noise path identification using face-to-face and side-by-side microphone arrangements, 85-13299
- Nonaerospace uses of JPL technology, 85-13203
- A novel algorithm for sea surface height estimation using complex SAR data, 85-13225
- On-orbit cryogenic fluid transfer, 85-13063
- "On the undetected error probability of a concatenated coding scheme for error control", 85-13279
- Orbiting dynamic compression laboratory, 85-13296
- Parameter studies of gear cooling using an automatic finite element mesh generator, 85-13077
- Performance capabilities of the 12-centimeter xenon ion thruster, 85-13059
- Performance of the Lester battery charger in electric vehicles, 85-13315
- Photo interpretation key to Michigan land cover use, 85-13385
- Pilot interaction with automated airborne decision making systems : semiannual progress report, March 1983-August 1983, 85-13355
- Planetary geometry handbook, 85-13220, 85-13221
- The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445
- Presentation of opportunities for the chemical industry to become involved in space experimentation, 85-13270
- Pretest plan for a quarter scale aft segment of the SRB filament wound case in the NSWC Hydroballistics Facility, 85-13168
- Proceedings, Fifth Parabolic Dish Solar Thermal Power Program Annual Review, 85-13333
- Proceedings of the Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (July 25, 26 and 27, 1983, at Port St. Lucie, Florida), 85-13334
- Process research of non-CZ silicon material, 85-13344
- Publications of the Jet Propulsion Laboratory, 1982, 85-13251
- A radiative transfer model for remote sensing of laser induced fluorescence of phytoplankton in non-homogeneous turbid water, 85-13353
- Rat body size, composition and growth at hypo- and hypergravity, 85-13427
- Real jet effects on dual jets in a cross-flow, 85-13361
- Reed Solomon codes for error control in byte organized computer memory systems : final report, phase II, 85-13359
- Reliability issues in active control of large flexible space structures, 85-13417
- Requirements for a transformerless power conditioning system, 85-13330
- Research in space physics at the University of Iowa : annual report for 1982, 85-13442
- A research program in determination of heavy metals in sediments and benthic species in relation to nuclear power plant operation, 85-13249
- Residual stresses in cross-ply composite tubes, 85-13252
- A review of the silicon material task, 85-13331
- Satellite observations of a monsoon depression, 85-13268
- Satellite-tracking and earth dynamics research programs, 85-13212
- Second-law efficiency of solar-thermal cavity receivers, 85-13320
- A sensitive optical pyrometer for shock-temperature measurements, 85-13274
- Shock vaporization and the accretion of the icy satellites of Jupiter and Saturn, 85-13351
- Shot noise limited detection of OH using the technique of laser induced fluorescence, 85-13453
- Six-month progress report on an analysis of wave interactions in swept-wing flows, 85-13312
- Solar parabolic dish technology annual evaluation report, 85-13314
- Solar thermal technology, 85-13219
- Sources and sinks for nitrous oxide and experimental studies of the source of atmospheric COS, CS<sub>2</sub> and CH<sub>3</sub>Cl, 85-13436
- Space station, 85-13308
- Space station : the next logical step /, 85-13032
- Space station needs, attributes and architectural option, 85-13289
- Space station needs attributes and architectural options, 85-13248, 85-13291, 85-13292, 85-13293, 85-13298, 85-13301, 85-13303, 85-13305, 85-13306
- Space station needs, attributes, and architectural options study, 85-13294, 85-13302, 85-13309
- Spatial reasoning to determine stream network from LANDSAT imagery, 85-13405
- Speed-dependent collision effects on radar back-scattering from the ionosphere, 85-13204
- Study of LANDSAT-D thematic mapper performance as applied to hydrocarbon exploration, 85-13367
- Study of robotics systems applications to the space station program, 85-13295
- A Study of space station needs, attributes & architectural options, 85-13297, 85-13352
- A study of stress-free living bone and its application to space flight, 85-13176
- A Study of the atmosphere and ionosphere using satellite observations of 300-1400 Å airglow, 85-13206
- Summary of activities, January 1 - March 31, 1984, Aeronautics and Space Engineering Board, Commission on Engineering and Technical Systems, 85-13247
- Summary of photovoltaic system performance models, 85-13325
- A survey of gas-side fouling measure devices, 85-13322
- Swirl, expansion ratio and blockage effects on confined turbulent flow, 85-13425
- Synthesis of major economic studies of residential photovoltaics, 85-13350
- Tensile fracture of ductile materials, 85-13276
- Test results for 27.5-to 30-GHz communications satellite receivers, 85-13054
- Theoretical studies of x-ray emission from supernova remnants and other non-equilibrium astrophysical plasmas, 85-13428
- Three-dimensional measurements of fatigue crack closure, 85-13286
- Turbulence characteristics of swirling flowfields, 85-13426
- Two-dimensional splines, 85-13360
- The upper mantle beneath the Cascade Range, 85-13450
- The use of linear feature detection to investigate thematic mapper data performance and processing, 85-13381
- United States. National Aeronautics and Space Administration. Life Sciences Division.**  
Research opportunities in muscle atrophy, 85-13446
- United States. National Aeronautics and Space Administration. Scientific and Technical Information Branch.**  
Advanced composite elevator for Boeing 727 aircraft, 85-13137
- Analysis of noise measured from a propeller in a wake /, 85-13464
- Assessment of alternative aircraft fuels : proceedings of a conference held at NASA Lewis Research Center, Cleveland, 85-13381

- land, Ohio, November 2-3, 1983., 85-13456
- A Bibliography of planetary geology and geophysics principal investigators and their associates, 1983-1984 /**, 85-13129
- A bibliography of planetary geology principal investigators and their associates, 1982-1983, 85-13122**
- Combustion gas properties : I-ASTM jet A fuel and dry air /**, 85-13465
- Comparison of numerical techniques for integration of stiff ordinary differential equations arising in combustion chemistry /**, 85-13467
- Deformation measurements of composite multi-span beam shear specimens by moire interferometry /**, 85-13145
- Dynamic model of the Earth's upper atmosphere /**, 85-13142
- An experimental and theoretical investigation of deposition patterns from an agricultural airplane /**, 85-13463
- An experimental investigation of gas jets in confined swirling air flow /**, 85-13141
- Galactic heavy-ion shielding using electrostatic fields /**, 85-13127
- Ground vibration test of F-16 airplane with initial decoupler pylon /**, 85-13125
- High Reynolds number tests of a Boeing BAC 1 airfoil in the Langley 0.3-meter transonic cryogenic tunnel, 85-13034**
- An implementation of the programming structural synthesis system (PROSS), 85-13043**
- Initialization of a mesoscale model for April 10, 1979, using alternative data sources /**, 85-13140
- Integrated application of active controls (IAAC) technology to an advanced subsonic transport project, 85-13138**
- A kinetic energy study of the meso B-scale storm environment during AVESESAME V (20-21 May 1979) /**, 85-13139
- The management of research institutions : a look at government laboratories /**, 85-13135
- Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires /**, 85-13462
- A Monte Carlo comparison of the recovery of winds near upwind and downwind from the SASS-1 model function by means of the sum of squares algorithm and a maximum likelihood estimator /**, 85-13143
- Planetary Data Workshop : part 2 : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983., 85-13458**
- Publications of the Exobiology Program for 1983 : a special bibliography /**, 85-13128
- Rational-spline approximation with automatic tension adjustment /**, 85-13466
- Regions of attraction and ultimate boundedness for linear quadratic regulators with nonlinearities /**, 85-13461
- Reports of planetary geology program - 1983, 85-13121**
- Reynolds number effects on pressure loss and turbulence characteristics of four tube-bundle heat exchangers, 85-13093**
- RF characteristics of the hoop column antenna for the land mobile satellite system mission /**, 85-13144
- Space Processing Applications Rocket project, 85-13035**
- Study of stator-vane fluctuating pressures in a turbofan engine for static and flight tests /**, 85-13460
- United States. National Agricultural Research and Extension Users Advisory Board.**  
Science and policy issues : a report of citizen concerns and recommendations for American agricultural research., 85-11848
- United States. National Archives and Records Service.**  
Motion pictures & sound and video recordings in the National Archives., 85-12556
- United States. National Archives and Records Service. Cartographic and Architectural Branch.**  
Cartographic and Architectural Branch., 85-12557
- United States. National Bureau of Standards.**  
Interim design guidelines for automated offices /, 85-12088  
Laser-initiated combustion studies on metallic alloys in pressurized oxygen /, 85-12089  
A preliminary investigation into using the sun as a source for G/T measurements /, 85-12090  
A review of supercritical fluid extraction /, 85-12087  
Specifications, tolerances, and other technical requirements for weighing and measuring devices /, 85-12086  
WWVH : frequency-time broadcast services., 85-12085
- United States. National Commission for Employment Policy.**  
Older worker employment comes of age : practice and potential., 85-13698
- United States. National Environmental Satellite, Data, and Information Service.**  
Atmospheric handbook : atmospheric data tables available on computer tape /, 85-12102
- United States. National Guard Bureau.**  
12 questions veterans ask about joining the Army National Guard., 85-12230
- United States. National Highway Traffic Safety Administration.**  
Computerized algorithms for evaluating prehospital care., 85-13628  
Estimation of the weight and consumer price of late model vehicle components relating to the implementation of Federal motor vehicle standards 108, 202, 204, and 214 /, 85-13629  
An Evaluation of methods to investigate truck tire wet traction /, 85-13634  
MDB-to-car side impact test of a 19 crabbled moving deformable barrier to a 1976 Volkswagen Rabbit at 34.3 MPH /, 85-13630, 85-13631  
The Safety belt proponent's guide., 85-13636  
Test device and test procedure to assess side structures., 85-13632
- United States. National Highway Traffic Safety Administration. Office of Alcohol Countermeasures.**  
Drunk driving public information program strategies and planning guide., 85-13635
- United States. National Labor Relations Board.**  
Court decisions relating to the National Labor Relations Act., 85-13028  
Decisions and orders of the National Labor Relations Board., 85-13027
- United States. National Labor Relations Board. Office of Equal Employment Opportunity.**  
Hispanics, a part of America's excellence., 85-13010
- United States. National Marine Fisheries Service.**  
Fish meal and oil, annual summary., 85-12105  
Proposed designation of critical habitat for the Hawaiian monk seal in the northwestern Hawaiian Islands., 85-12108
- United States. National Ocean Service.**  
Comparison of results of United States and Soviet dissolved oxygen measurements in water by the Winkler method /, 85-12098  
Great Lakes water levels., 85-12110

- Report to the Congress on ocean pollution, monitoring and research : submitted in compliance with sections 201 and 202, Title II of the Marine Protection, Research, and Sanctuaries Act of 1972 (Public Law 92-532), 85-12100
- United States. National Ocean Service. Program Services Unit.**  
Tidal currents /, 85-12111
- United States. National Oceanic and Atmospheric Administration.**  
Floods of May 1978 in southeastern Montana and northeastern Wyoming /, 85-12744
- United States. National Oceanic and Atmospheric Administration. Office of Public Affairs.**  
NOAA., 85-12099
- United States. National Office of Vital Statistics.**  
Vital statistics of the United States., 85-12691
- United States. National Park Service.**  
How to apply National Register criteria to post offices /, 85-12950  
Jamestown, a beginning., 85-12945
- United States. National Park Service. Denver Service Center.**  
General management plan : Hampton National Historic Site., 85-12943
- United States. National Park Service. Pacific Northwest Region. Cultural Resources Division.**  
Ebey's Landing National Historical Reserve : the land, the people, the place : an introduction to the inventory., 85-12942  
Landscape study and management alternatives for revegetation : Whitman Mission National Historic Site /, 85-12948  
Summary prehistory and ethnography of Olympic National Park, Washington /, 85-12946
- United States. National Park Service. Preservation Assistance Division.**  
A Glossary of historic masonry deterioration problems and preservation treatments /, 85-12944
- United States. National Park Service. Rocky Mountain Regional Office. Cultural Resources Division.**  
The preservation of historic pigmented structural glass (Vitrolite and Carrara glass), 85-12951
- United States. National Productivity Advisory Committee.**  
Restoring productivity growth in America : a challenge for the 1980's : a report to the President of the United States and the Secretary of the Treasury., 85-13492
- United States. National Technical Information Service.**  
Catalog of government patents /, 85-12096  
NTIS abstract newsletters., 85-12095
- United States. National Telecommunications and Information Administration.**  
Directory of field contacts for the coordination of the use of radio frequencies., 85-12125  
Manual of regulations and procedures for federal radio frequency management : revisions for September 1984., 85-12114  
Optical fiber communications link design in compliance with systems performance standards /, 85-12116  
Polarization angles of linearly polarized antennas and radio waves in satellite communications /, 85-12117  
Sample size and precision in communication performance measurements /, 85-12115
- United States. National Transportation Safety Board.**  
Aircraft accident report : Scandinavian Airlines System flight 901, McDonnell Douglas DC-10-30, John F. Kennedy International Airport, Jamaica, New York, February 28, 1984 /, 85-13589  
Aircraft accident report : Western Helicopters, Inc., Bell UH-1B, N87701, Valencia, California, July 23, 1982 /, 85-13588  
Pipeline accident report : Boston Gas Company natural gas overpressure explosion and fires, East Boston, Massachusetts, September 23, 1983 /, 85-13591  
Railroad/highway accident report : collision of Amtrak passenger train no. 301 on Illinois Central Gulf Railroad with Marquette Motor Service Terminals, Inc. delivery truck, Wilmington, Illinois, July 28, 1983 /, 85-13590
- United States. National Vital Statistics Division.**  
Vital statistics of the United States., 85-12691
- United States. National Weather Service. Engineering Division.**  
Instruction manual hygrometer (HO83), 85-12101
- United States. Naval Education and Training Command.**  
Navy electricity and electronics training series., 85-12346
- United States. Naval Environmental Prediction Research Facility.**  
Cloud cover typing from environmental satellite imagery, 85-13316
- United States. Naval Facilities Engineering Command.**  
The Navy Civil Engineer Corps., 85-12359  
Navy Civil Engineer Corps : ready reserve opportunities., 85-12360
- United States. Naval Military Personnel Command.**  
Command assessor team manual., 85-12358
- United States. Naval Oceanographic Office.**  
World port index., 85-12149
- United States. Naval Sea Systems Command.**  
The Co-operative education program : a career opportunity for you., 85-12363  
The (Pre) co-operative education program : a career opportunity for you., 85-12364
- United States. Naval Sea Systems Command. Undersea Warfare Technology Office.**  
Ambient noise in the sea /, 85-12365
- United States. Navy Dept.**  
Cloud cover typing from environmental satellite imagery, 85-13316  
Legal services : status of forces policies, procedures, and information., 85-12251  
Standard "B" ration for the armed forces., 85-12266
- United States. Office of Aviation Medicine.**  
Studies of poststrike air traffic control specialist trainees : I., age, biographic factors, and selection test performance related to academy training success /, 85-13618
- United States. Office of Coal Utilization and Extraction.**  
Evaluation of gas-cooled pressurized phosphoric acid fuel cells for electric utility power generation, 85-13160
- United States. Office of Educational Research and Improvement.**  
School mathematics : options for the 1990s., 85-12424
- United States. Office of Electric Power Regulation.**  
Status of coal supply contracts for new electric generating units : 1983-1992., 85-12419
- United States. Office of Elementary and Secondary Education.**  
Application for grants under the Law-Related Education Program., 85-12421

## U.S. Office of Federal Coordinator for

## Author Index

**United States. Office of Federal Coordinator for Meteorological Services and Supporting Research.**  
National winter storms operations plan /, 85-12097

**United States. Office of Federal Supply and Services.**  
Sale of federal surplus personal property., 85-12555

**United States. Office of Human Development Services.**  
Coordinated transportation demonstration results : final report /, 85-13586  
Exploring parenting /, 85-12720  
Instructions for applying for federal assistance from HDS programs., 85-12719

**United States. Office of Hydropower Licensing.**  
Water resources appraisal for hydroelectric licensing : middle San Joaquin Valley basin : Fresno, Madera, Mariposa, and Merced Counties, California., 85-12417

**United States. Office of Justice Assistance, Research, and Statistics.**  
How to protect yourself against sexual assault., 85-13000

**United States. Office of Management and Budget.**  
Budget of the United States Government., 85-13498  
The budget of the United States Government. Appendix., 85-13499  
Historical tables, budget of the United States government., 85-13502  
Special analyses, budget of the United States Government., 85-13501  
The United States budget in brief., 85-13500  
Update to the ... Catalog of Federal domestic assistance., 85-13503

**United States. Office of Merit Systems Review and Studies.**  
Blowing the whistle in the federal government : a comparative analysis of 1980 and 1983 survey findings : a report of the U.S. Merit Systems Protection Board, Office of Merit Systems Review and Studies., 85-13030

**United States. Office of Naval Research.**  
Research in space physics at the University of Iowa : annual report for 1982, 85-13442

**United States. Office of Personnel Management.**  
Handbook of job analysis for reasonable accommodation., 85-13488

**United States. Office of Personnel Management. Library.**  
Index to information., 85-13490

**United States. Office of Personnel Management. Office of Workforce Information.**  
Affirmative employment statistics., 85-13487

**United States. Office of Port and Intermodal Development.**  
Lower Mississippi River regional barge fleet assessment, plan, and handbook guide /, 85-13641  
Lower Mississippi River regional barge fleet assessment, plan, and handbook guide : executive summary /, 85-13640  
Port risk management guidebook: a risk management and insurance reference for U.S. ports /, 85-13642

**United States. Office of Postsecondary Education.**  
Application for grants under Title VI of the Higher Education Act of 1965, as amended : International Research and Studies Program, CFDA number 84.017., 85-12422  
Continuation application for grants under Upward Bound Program., 85-12423

**United States. Office of Ship Construction. Division of Production.**  
Report on survey of U.S. shipbuilding and repair facilities /, 85-13644

**United States. Office of Space Science and Applications.**  
Alternative strategies for space station financing., 85-13443

**United States. Office of Space Science and Applications. Microgravity Science and Applications Division.**  
Microgravity : a new tool for basic and applied research in space /, 85-13132

**United States. Office of Special Education and Rehabilitative Services.**  
Starter : a notebook for new teachers., 85-12454

**United States. Office of Special Education and Rehabilitative Services. Division of Innovation and Development.**  
Teaching severely handicapped students to perform meaningful work in non-sheltered vocational environments : draft /, 85-12455

**United States. Office of Surface Mining, Reclamation, and Enforcement.**  
Westmoreland Resources' Absaloka Mine revised plan : final environmental impact statement., 85-12732

**United States. Office of Telecommunications.**  
Directory of field contacts for the coordination of the use of radio frequencies., 85-12125

**United States. Office of Telecommunications. IRAC Secretariat.**  
Directory of field contacts for the coordination of the use of radio frequencies., 85-12125

**United States. Office of Telecommunications Policy.**  
Directory of field contacts for the coordination of the use of radio frequencies., 85-12125

**United States. Office of the Assistant Secretary for Health.**  
Who cares enough : Public Health Service nurses., 85-12646

**United States. Office of the Assistant Secretary for Health. Office of Population Affairs.**  
Family planning grantees, delegates & clinics., 85-12687

**United States. Office of the Federal Register.**  
Code of federal regulations. 4, Accounts., 85-12558

Code of federal regulations. 7, Agriculture., 85-12559

Code of federal regulations. 10, Energy., 85-12560

Code of federal regulations. 14, Aeronautics and space., 85-12561, 85-12562

Code of Federal regulations. 16, Commercial practices., 85-12563

Code of Federal regulations. 43, Public lands, interior., 85-12564

Code of federal regulations. 45, Public welfare., 85-12565

Code of federal regulations. 46, Shipping., 85-12566

Code of federal regulations. 47, Telecommunications., 85-12567

Code of federal regulations. 48, Federal acquisition regulations system., 85-12568

Code of federal regulations. 49, Transportation., 85-12569, 85-12570

Code of federal regulations. 50, Wildlife and fisheries., 85-12571, 85-12572

**United States. Office of the Under Secretary of Defense for Research and Engineering.**  
The militarily critical technologies list., 85-12131

**United States. Office of Vocational and Adult Education.**  
An analysis of fiscal policy alternatives for serving special populations in vocational education /, 85-12428

- Educational technology in voc ed /, 85-12435
- Final report of the Haitian/English language project /, 85-12450
- Final report on ESL instruction for adult immigrants from North & Central America /, 85-12449
- Influences on secondary and postsecondary vocational-technical student time on task /, 85-12430
- An instructor resource guide for teaching a course in health promotion seminar /, 85-12447
- A policy analysis of professional development and personnel preparation for serving special populations /, 85-12429
- Secondary vocational education : imperative for excellence /, 85-12431
- A society based on work /, 85-12432
- Strategy for technological update of vocational/ technical teachers /, 85-12433
- Training for a technological world /, 85-12434
- Transcripts III technical report /, 85-12436
- Vocational education and youth employment /, 85-12440
- Vocational instructional program advisory committee resource guide /, 85-12427
- Vocational rehabilitation in employment training /, 85-12437
- Volunteers and voc ed /, 85-12438
- Word processing : a guide to program planning /, 85-12439
- United States. Patent and Trademark Office.**  
Commissioner of Patents and Trademarks annual report /, 85-12091
- Consolidated listing of recent Official gazette notices, re Patent and Trademark Office practices and procedures., 85-12092
- Patents and trademarks style manual : a supplement to the United States Government Printing Office style manual., 85-12093
- United States. President.**  
Economic report of the President transmitted to the Congress., 85-13496, 85-13681
- Implementation of Helsinki Final Act /, 85-13536
- United States. President (1981- : Reagan)**  
Deferrals : message from the President of the United States transmitting a report on four new deferrals of budget authority for fiscal year 1983, and one revision to a previously reported deferral of budget authority, pursuant to sections 1013(a) and 1014(c) of Public Law 93-344., 85-13675
- International Coffee Agreement, 1983 :**  
message from the President of the United States transmitting the International Coffee Agreement, 1983, signed by the United States on March 23, 1983., 85-13662
- Joint session of Congress :**  
message from the President of the United States transmitting his Central America policy., 85-13676
- Rededication to the cause of human rights :**  
December 10, 1984 /, 85-13519
- Review of United States strategic forces :**  
communication from the President of the United States transmitting a detailed technical assessment review of U.S. strategic forces, pursuant to subsection 7 of Title V, Public Law 97-377., 85-13673
- Settlement of the Cyprus question :**  
communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary General of the United Nations, pursuant to 22 U.S.C. 2373(c)., 85-13680
- Supplemental appropriations :**  
communication from the President of the United States transmitting proposed supplemental appropriations for fiscal year 1984 and amendments to the request for appropriations for the fiscal year 1984., 85-13674
- Veto of H.R. 1362 :**  
message from the President of the United States vetoing H.R. 1362, a bill for the relief of Joseph Karel Hasek., 85-13679
- 1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983., 85-13663
- United States. Presidential Commission on Indian Reservation Economies.**  
Report and recommendations to the President of the United States., 85-13494
- United States. President's Commission on Executive Exchange.**  
The Federal sector /, 85-13493
- United States. Public Building Service.**  
Interim design guidelines for automated offices /, 85-12088
- United States. Public Health Service. Commissioned Corps.**  
A supervisor's guide to the commissioned personnel system., 85-12647
- United States. Public Health Service. Commissioned Personnel Operations Division.**  
A supervisor's guide to the commissioned personnel system., 85-12647
- United States. Public Health Service. Office of Management.**  
The Public Health Service commissioned officers orientation guide, 1984., 85-12648
- United States. Science and Education Administration.**  
Inventions available for licensing., 85-11971
- United States. Science and Education Administration. Agricultural Research. Northeast Region.**  
National poultry improvement plan. Directory of participants handling waterfowl, exhibition poultry, and game birds., 85-12006
- United States. Science and Education Administration. Agricultural Research. Southern Region.**  
Growing food in containers in the Tropics /, 85-11969
- United States. Science and Education Administration. Cooperative Research.**  
Directory of professional workers in state agricultural experiment stations and other cooperating state institutions., 85-11875
- United States. Securities and Exchange Commission.**  
Annual report of the Securities and Exchange Commission for the fiscal year ended ..., 85-13542
- Index of releases /, 85-13543
- United States. Selective Service System.**  
Selective service and you., 85-13749
- United States. Small Business Administration. Office of Advocacy.**  
Catalog of completed research studies., 85-13539
- Ideas in action : the states and small business, San Diego, California, December 5-7, 1984, Office of Advocacy's Sixth National Conference for State and Local Officials and Small Business Initiatives., 85-13540
- SBA antitrust for small businesses., 85-13538

**United States. Small Business**

**Administration. Office of the Chief Counsel for Advocacy.**

Ideas in action—the states and small business : the sixth National Conference for State and Local Officials on Small Business, December 5-7, 1984, San Diego, California., 85-13541

The small business answer desk directory., 85-13537

**United States. Social Security Administration.**

Improvements in the Social Security disability program., 85-12641

International agreement on Social Security between the United States and Norway., 85-12639

Primary insurance amount for an average male worker /, 85-12645

Public affairs information package, Spanish version., 85-12642

Your social security rights and responsibilities : retirement and survivors benefits., 85-12643

**United States. Social Security Administration. Office of Policy.**

Register of disability determination services disability medical consultants., 85-12640

Taxation of social security benefits : desk guide., 85-12644

**United States. Soil Conservation Service.**

Assistance available from the Soil Conservation Service., 85-11857

Furrow dike water conservation practices in the Texas High Plains /, 85-11853  
'Golden' chinquapin., 85-11859

Hocking Soil and Water Conservation District resources inventory., 85-11956

Important farmlands of Graham County, Arizona /, 85-11964

Indiangrass : warm-season grass : how to identify, establish, and manage Indian-grass., 85-11957

List of published soil surveys., 85-11961

Procedures for collecting soil samples and methods of analysis for soil survey., 85-11963

Small watershed projects., 85-11858

Soil survey of Fulton County, Ohio /, 85-11958

Soil survey of Gregory County, South Dakota /, 85-11959

Soil survey of Harmon County, Oklahoma /, 85-11960

Soil survey of Manatee County, Florida /, 85-11962

**United States. Soil Conservation Service.**

**Engineering Division.**

Photography of rock core samples., 85-11955

**United States. State and Private Forestry.**

**Northeastern Area.**

Bruce spanworm., 85-11951

Oak sprout canker., 85-11952

**United States. Superintendent of Documents.**

Armed Forces., 85-12545

Banks and banking., 85-12544

Courts and correctional institutions., 85-12542

Family planning., 85-12552

Fossils., 85-12546

Home economics., 85-12551

Law enforcement., 85-12543

Libraries and library collections., 85-12547

Mammals and reptiles., 85-12541

National Bureau of Standards special publications., 85-12550

School administration, buildings and equipment., 85-12548

United States naval history., 85-12549

United States reports., 85-12539

Water pollution and water resources., 85-12540

**United States. Supreme Court.**

Amendments to the rules of criminal procedure for the U.S. district courts : communication from the Chief Justice of the United States transmitting amendments to the rules of criminal procedure for the U.S. district courts, adopted by the Supreme Court pursuant to 18 U.S.C. 3771 and 3772, together with the report of the Judicial Conference of the United States submitted to the Court pursuant to 28 U.S.C. 331., 85-13677

**United States. Urban Mass Transportation Administration. Office of Technical Assistance.**

Transportation network analysis : intersection analysis, users' guide : a guide to the intersection analysis features of the UTPS program UROAD /, 85-13624

**United States. Urban Mass Transportation Administration. Technical Assistance Program.**

Cost savings potential from improvement in railcar reliability and maintainability /, 85-13625

**United States. Urban Mass Transportation Administration. University Research and Training Program.**

Taxi regulation in a free entry market : a case study of Washington, D.C. /, 85-13587

**United States. Veterans Administration. Information Technology Center.**

ITC resources catalogue., 85-13645

**United States. Veterans Administration. Nursing Service.**

Nursing service administrative development : first level program guide /, 85-13647

**United States. Veterans Administration. Office of Information Management and Statistics. Research Division.**

Interstate migration of the older veteran population : 1975 to 1980., 85-13651

**United States. Veterans Administration. Office of Procurement and Supply.**

Supply catalog., 85-13648

**United States. Veterans Administration. Office of Small and Disadvantaged Business Utilization.**

VA reaches out to veterans in business : could you use a multibillion dollar customer?, 85-13649

**United States. Veterans Administration. Office of the Administrator of Veterans Affairs.**

Directory of veterans organizations., 85-13650

**United States. Western Area Power Administration. Loveland-Fort Collins Area Office.**

Technical irrigation pumping plant test procedure manual /, 85-12420

**United States. World Agricultural Outlook Board.**

Rice outlook & situation /, 85-11979

**United States. World Food and Agricultural Outlook and Situation Board.**

Rice outlook & situation /, 85-11979

**United States Air Force Academy.**

Welcome to the United States Air Force Academy., 85-12412

**United States Army Infantry School.**

Instructor's guide for introduction to leadership development : a course outline : leadership development 1 /, 85-12245

Instructor's readings for instructor's guide for applied leadership development, leadership development 3 /, 85-12243

**United States Army Infantry School. Ranger Dept.**  
Ranger handbook., 85-12247

**United States Army Infantry Training Group.**  
TOW training /, 85-12249

**United States Attorney's Office. Victim-Witness Assistance Unit.**  
Victim witness handbook., 85-12992

**United States Coast Guard Academy.**  
22nd Joint Services Safety Conference : New London, CT, 19-22 September 1983., 85-13619

**United States Commission on Civil Rights.**  
Telephone directory., 85-12127  
Toward an understanding of Stotts., 85-12126

**United States International Trade Commission.**  
Barium chloride from the People's Republic of China : determination of the Commission in investigation no. 731-TA-149 (final) under the Tariff Act of 1930, together with the information obtained in the investigation., 85-12983

Cell-site transceivers and subassemblies thereof from Japan : determination of the Commission in investigation no. 731-TA-163 (final) under the Tariff act of 1930, together with the information obtained in the investigation., 85-12984

The Impact of tariff and nontariff barriers on the U.S. sheet vinyl flooring industry : report to the Subcommittee on Trade, Committee on Ways and Means, U.S. House of Representatives, investigation no. 332-179, under section 332(b) of the Tariff Act of 1930, as amended., 85-12981

In the matter of certain single handle faucets : investigation no. 337-TA-167., 85-12982

Summary of trade and tariff information : agricultural and horticultural machinery, lawnmowers, and tractors, TSUS items 666.00, 666.10, 692.34, and 692.35., 85-12978

Summary of trade and tariff information : animal feeds and animal feed ingredients, TSUS items 184.10-184.85., 85-12970

Summary of trade and tariff information : artists' colors, inks and ink powders, and paints, coating, and related items : TSUS items 408.12, 408.48, 413.50, and 474.02-474.62., 85-12976

Summary of trade and tariff information : benzenoid cyclic intermediates—specialty chemicals : TSUS items 401.02, 401.04, 401.12-401.16, 401.20, 401.30-401.42, 401.46-401.58, 401.64-401.68,

402.00-402.08, 402.24-402.32, 402.36 (pt.), 402.40-404.12, 404.24-404.56, 404.64-406.63, 406.73, 406.82-407.16, 408.41, and 409.38., 85-12972

Summary of trade and tariff information : body-supporting garments : TSUS items 376.04-376.28., 85-12971

Summary of trade and tariff information : butadiene, ethylene and other major primary olefins, and certain other hydrocarbons, TSUS items 429.50-429.56., 85-12974

Summary of trade and tariff information : certain organic chemical crudes : TSUS items 401.06-401.10, 401.18, 401.22-401.24, 401.44, 401.60-401.62, 401.70-401.74 (pt.), and 401.76-401.80., 85-12973

Summary of trade and tariff information : fan, blowers, compressors, air pumps and vacuum pumps, and air-conditioning and refrigeration machines : TSUS items 661.05-661.22, 661.35-661.37., 85-12979

Summary of trade and tariff information : fertilizers, other than nitrogenous, TSUS items 480.05, 480.10, 480.35-480.60, and 480.70-480.80., 85-12975

Summary of trade and tariff information : pulp and paper machinery bookbinding machinery : TSUS items 668.00, 668.02, 668.04, 668.5, 668.06, 668.07, and 668.10., 85-12977

Summary of trade and tariff information : umbrellas, whips, riding crops, and canes; matches, pyrotechnics and candles; and smokers' articles : TSUS items 751.05-751.25, 755.05-755.50, and 756.02-756.60., 85-12980

Tariff schedules of the United States annotated /, 85-12969

**United States Naval Observatory. Nautical Almanac Office.**  
The Air almanac /, 85-12366

**United States Postal Service.**  
Customer services national telephone directory., 85-13477

EEO : USPS' commitment towards fulfillment of career goals = EEO : el compromiso del Servicio Postal para cumplir los objetivos profesionales : equal employment opportunity in the United States Postal Service., 85-13476

Preparing business and courtesy reply mail., 85-13478

Supervisors guide to attendance improvement., 85-13489

**United States Postal Service. Address Information Systems Division.**  
Nevada, Utah ZIP4 state directory /, 85-13479

Washington ZIP4 state directory /, 85-13480

**United States Tariff Commission.**  
Tariff schedules of the United States annotated /, 85-12969

**Universities Space Research Association.**  
Initialization of a mesoscale model for April 10, 1979, using alternative data sources /, 85-13140

**University College of Swansea. Institute for Numerical Methods in Engineering.**  
High speed inviscid compressible flow by the finite element method, 85-13262

**University of Alabama in Huntsville. School of Mathematical and Natural Sciences.**  
Plasma and magnetospheric research, 85-13170

**University of Alaska, Fairbanks. Institute of Social and Economic Research.**  
Making good boys better : nonformal education in Boy Scouts /, 85-12464

**University of Arizona.**  
Reliability considerations for the total strain range version of strainrange partitioning /, 85-13404

**University of Arizona. Bureau of Geology and Mineral Technology.**  
Map showing outcrops of granitic rocks, basin and range province, Arizona /, 85-12753

Map showing outcrops of pre-quaternary ash-flow tuffs and volcanoclastic rocks, basin and range province, Arizona /, 85-12755

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, Arizona /, 85-12756

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Arizona /, 85-12754

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona /, 85-12751

Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750

**University of Arizona. Dept. of Planetary Science.**  
Development INTERDATA 8/32 computer system, 85-13449

**University of Arizona. Lunar and Planetary Laboratory.**

Development INTERDATA 8/32 computer system, 85-13449

**University of Arizona. Optical Sciences Center.**

Fifth quarterly report on "Spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13437

Fourth quarterly report on "spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13383

**University of California, Berkeley. Space Sciences Laboratory.**

High resolution hard x-ray spectra of solar and cosmic sources, 85-13266

High resolution X- and gamma-ray spectroscopy of solar flares, 85-13210

A Study of the atmosphere and ionosphere using satellite observations of 300-1400 Å airglow, 85-13206

**University of California, Davis. Dept. of Electrical and Computer Engineering.**

LANDSAT-D thematic mapper image dimensionality reduction and geometric correction accuracy, 85-13374

**University of California, Los Angeles.**

Dataflow computing approach in high-speed digital simulation, 85-13258

**University of California, Los Angeles. School of Engineering and Applied Science.**

Two-dimensional splines, 85-13360

**University of California, San Diego. Institute of Geophysics and Planetary Physics.**

High precision measurements in crustal dynamic studies, 85-13287

**University of California, Santa Barbara.**

"Long range coherence in free electron lasers", 85-13285

**University of California, Santa Barbara.**

Dept. of Geography.  
Landsat-D investigations in snow hydrology, 85-13368

**University of Chicago. School of Medicine.**

Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661

**University of Delaware. College of Marine Studies.**

Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies, 85-13242, 85-13420

**University of Florida. Agricultural Experiment Station.**

Soil survey of Manatee County, Florida /, 85-11962

**University of Florida. Institute of Food and Agricultural Sciences.**

Use of thermal inertia determined by HCMM to predict nocturnal cold prone areas in Florida, 85-13369

**University of Florida. Soil Science Dept.**

Soil survey of Manatee County, Florida /, 85-11962

**University of Hawaii at Manoa. Dept. of Electrical Engineering.**

Performance analysis of the word synchronization properties of the outer code in a TDRSS decoder, 85-13257

Reed Solomon codes for error control in byte organized computer memory systems: final report, phase II, 85-13359

**University of Hawaii at Manoa. Institute for Astronomy.**

The plumes of IO: a detection of solid sulfur dioxide particles, 85-13445

**University of Idaho. Range Resources Dept.**

Craters of the Moon National Monument vegetation type map /, 85-12949

**University of Illinois at Urbana-Champaign.**

Issue management by school superintendents: final report on grant no. G-80-0152 /, 85-12448

**University of Illinois at Urbana-Champaign. Center for the Study of Reading.**

Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452

**University of Illinois at Urbana-Champaign. Dept. of Mechanical and Industrial Engineering.**

Optimization of cooled shields in insulations, 85-13153

**University of Illinois at Urbana-Champaign. Dept. of Theoretical and Applied Mechanics.**

The mechanics of delamination in fiber-reinforced composite materials, 85-13188

**University of Illinois at Urbana-Champaign. Electromagnetics Laboratory.**

Secondary pattern computation of an arbitrarily shaped main reflector, 85-13089

Semi-annual report for numerical methods for analyzing electromagnetic scattering. September 25, 1983 to March 24, 1984, 85-13447

**University of Illinois at Urbana-Champaign. Software Systems Research Group.**

The Embedded operating system project, 85-13239

**University of Iowa. Dept. of Physics and Astronomy.**

Effects of chemical releases by the STS-3 orbiter on the ionosphere, 85-13171

Research in space physics at the University of Iowa: annual report for 1982, 85-13442

**University of Iowa. Electrical and Computer Engineering.**

Error latency estimation using functional fault modeling, 85-13230

Segmented testing, 85-13217

**University of Kansas. Flight Research Laboratory.**

General aviation aircraft interior noise problem, 85-13357

Measurement of transmission loss characteristics using acoustic intensity techniques at the KU-FRL acoustic test facility, 85-13216

**University of Kansas. Remote Sensing Laboratory.**

Microwave remote sensing of snow, 85-13373

**University of Kansas. Space Technology Center.**

Microwave remote sensing of snow, 85-13373

**University of Maryland, College Park. Dept. of Meteorology.**

Land-surface influences on weather and climate, 85-13271

**University of Maryland, College Park. Electrical Engineering Dept.**

A novel algorithm for sea surface height estimation using complex SAR data, 85-13225

**University of Notre Dame. Dept. of Electrical Engineering.**

Cut-off rate calculations for the outer channel in a concatenated coding system, 85-13278

Fast decoding of a  $d(\min) = 6$  RS code, 85-13283

"Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes", 85-13281

Performance analysis of the word synchronization properties of the outer code in a TDRSS decoder, 85-13257

**University of Pennsylvania.**

Development of new intercalated cathode materials for use in sodium batteries, 85-13205

**University of Pittsburgh. Health Operations Research Group.**

Computerized algorithms for evaluating prehospital care., 85-13628

**University of Tennessee, Knoxville.**

Measurement of local connective heat transfer coefficients of four ice accretion shapes, 85-13397

- University of Tennessee (System). Space Institute. Atmospheric Science Division.**  
 Numeric and fluid dynamic representation of tornadic double vortex thunderstorms, 85-13164
- University of Texas. Bureau of Economic Geology.**  
 Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Texas /, 85-12783  
 Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Texas /, 85-12782
- University of Texas at Austin. Dept. of Astronomy.**  
 [NASA-Texas planetary program], 85-13358
- University of Texas. Bureau of Economic Geology.**  
 Maps showing ground-water units and withdrawal, basin and range province, Texas /, 85-12781
- University of the District of Columbia.**  
 A research program in determination of heavy metals in sediments and benthic species in relation to nuclear power plant operation, 85-13249
- University of the District of Columbia. Dept. of Urban and Regional Planning.**  
 Taxi regulation in a free entry market : a case study of Washington, D.C. /, 85-13587
- University of Utah. Flammability Research Center.**  
 Manufacture of DPFC-DMS polymer in the SKG range, 85-13455
- University of Utah. Research Institute. Center for Remote Sensing and Cartography.**  
 Identifying environmental features for land management decisions, 85-13379
- University of Virginia.**  
 Rat body size, composition and growth at hypo- and hypergravity, 85-13427
- University of Virginia. Dept. of Applied Mathematics and Computer Science.**  
 The implementation and use of Ada on distributed systems with high reliability requirements : final report, 85-13444
- University of Virginia. Dept. of Electrical Engineering.**  
 Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-through put rate transceiver, 85-13265
- University of Virginia. Dept. of Environmental Sciences.**  
 Satellite observations of a monsoon depression, 85-13268
- University of Virginia. Dept. of Mechanical and Aerospace Engineering.**  
 Flowfield measurements in a model scramjet combustor using laser-induced iodine fluorescence, 85-13433
- University of Washington.**  
 Basic and applied research related to the technology of space energy conversion systems, 1982-1983, 85-13260  
 A numerical study of the controlled flow tunnel for a high lift model, 85-13152
- University of Wisconsin.**  
 Teaching severely handicapped students to perform meaningful work in non-sheltered vocational environments : draft /, 85-12455
- Unnever, Gregory.**  
 Effect of boattail geometry on the aeroacoustics of parallel baffles in ducts, 85-13113
- Urban, Francis S.**  
 Longrun changes in world food supply and demand : implications for development assistance policy /, 85-11987
- Urlick, Robert J.**  
 Ambient noise in the sea /, 85-12365
- Urquhart, John I. A.**  
 The implementation and use of Ada on distributed systems with high reliability requirements : final report, 85-13444
- US Army Ordnance Center and School.**  
 MOS 45B small arms repairer, skill level I /, 85-12332  
 MOS 45N, tank turret mechanic, skill level I /, 85-12333  
 New equipment data., 85-12330  
 Warrant Officer candidate course guide., 85-12334
- US Army Signal Center and Fort Gordon.**  
 Diagram booklet : telephone signal converter CV-1548, multiplexer TD-352, TD-660, TD-754/G, TD-204, radio sets AN/GRC-144 and AN/GRC-143., 85-12315
- USAF School of Applied Aerospace Sciences. Dept. of Aircraft Specialist Training.**  
 Aerospace ground equipment repairman (AFSC 42153) /, 85-12395
- USAF School of Applied Aerospace Sciences. 3380th Technical Training Group.**  
 Electronic warfare systems specialist (AFSC 32853) /, 85-12391
- USAF School of Applied Aerospace Sciences. 3450th Technical Training Group.**  
 Precision measuring equipment technician (AFSC 32470) /, 85-12390
- Utah. Division of Water Resources.**  
 Land use inventory of Salt Lake County, Utah from color infrared aerial photography, 1982, 85-13378
- Utah Geological and Mineral Survey.**  
 Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Utah /, 85-12787  
 Maps showing distribution of dissolved solids and dominant chemical type in ground water basin and range province, Utah /, 85-12786  
 Maps showing ground-water levels, springs, and depth to ground waters, basin and range province, Utah /, 85-12785  
 Maps showing ground-water units and withdrawal, basin and range province, Utah /, 85-12784
- Utreras, Florencio I.**  
 Two-dimensional splines, 85-13360
- V**
- Valandani, P.**  
 Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740
- Van Allen, James Alfred, 1914-**  
 Research in space physics at the University of Iowa : annual report for 1982, 85-13442
- Van Hooser, Dwane D.**  
 Understory vegetation inventory : an efficient procedure /, 85-11895
- Van Sleet, Daniel E.**  
 Digital techniques : module 10005., 85-12378
- Vander Meulen, Dean B.**  
 Geologic map of the Pole Canyon quadrangle, Harney County, Oregon, 85-12811
- Vander Velde, Wallace E.**  
 Reliability issues in active control of large flexible space structures, 85-13417
- VanDeventer, Allan D.**  
 Studies of poststrike air traffic control specialist trainees : I, age, biographic factors, and selection test performance related to academy training success /, 85-13618
- VanOsdell, D. W.**  
 Electrostatic augmentation of fabric filtration : reverse-air pilot unit experience /, 85-12512

**Vasiao, Antonio.**

The fiftieth anniversary of the U.S. Department of Justice building, 1934-1984 /, 85-12985

**Vehicle Research and Test Center (U.S.)**

Airbag demonstration program : phase III /, 85-13627

Bumper tests of a 1979 Ford LTD retrofitted with Romeo-Kojyo and breed all mechanical air bag sensor systems./, 85-13633

MDB-to-car side impact test of a 19 crabbed moving deformable barrier to a 1976 Volkswagen Rabbit at 34.3 MPH /, 85-13630, 85-13631

**Venable, D. D.**

A radiative transfer model for remote sensing of laser induced fluorescence of phytoplankton in non-homogeneous turbid water, 85-13353

**Vern Institute of Justice.**

Fines in sentencing : a study of the use of the fine as a criminal sanction /, 85-13001

**Vermont. Dept. of Forests, Parks, and Recreation.**

Proceedings : new and improved techniques for monitoring and evaluating spruce budworm populations : September 13-15, 1983, Holiday Inn, Burlington, VT /, 85-11938

**Verzarin, Pompilini.**

International countertrade : a guide for managers and executives /, 85-12120

**Veterans Administration West Side Medical Center (Chicago, Ill.)**

Emergency room manual., 85-13646

**Villarreal, F.**

Legal services technician (AFSC 70570) /, 85-12403, 85-12404

**Viner, Andrew S.**

Cost and performance models for electrostatically stimulated fabric filtration /, 85-12516

**Virginia Polytechnic Institute and State University.**

Nonlinear viscoelastic characterization of structural adhesives, 85-13193

**Virginia Polytechnic Institute and State University. Aerospace and Ocean Engineering Dept.**

Climb-dash real-time calculations, 85-13214

Optimal symmetric flight with an intermediate vehicle model, 85-13211

Real jet effects on dual jets in a cross-flow, 85-13361

**Virginia Polytechnic Institute and State University. College of Engineering.**

Input filter compensation for switching regulators, 85-13263

**Virginia Polytechnic Institute and State University. Dept. of Chemistry.**

A Fundamental approach to the sticking of insect residues to aircraft wings, 85-13310

**Virginia Polytechnic Institute and State University. Dept. of Electrical Engineering and Computer Science.**

Spatial reasoning to determine stream network from LANDSAT imagery, 85-13405

**Virginia Polytechnic Institute and State University. Dept. of Mechanical Engineering.**

A Fundamental approach to the sticking of insect residues to aircraft wings, 85-13310

**Virginia Polytechnic Institute and State University. Engineering Science and Mechanics Dept.**

Composite laminates with negative through-the-thickness Poisson's ratios, 85-13288

Residual stresses in cross-ply composite tubes, 85-13252

Space radiation effects on graphite-epoxy composite materials, 85-13088

Temperature dependence of elastic and strength properties of T300/5208 graphite-epoxy, 85-13280

**Vivian, H. C.**

Performance of the Lester battery charger in electric vehicles, 85-13315

**Vocational Education and Defense**

Preparedness Seminar (1982 : Arlington, Va.)

Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 /, 85-12451

**Voigt, Robert G.**

Design, development and use of the finite element machine, 85-13178

**Volunteers for International Technical Assistance.**

Water purification, distribution and sewage disposal for Peace Corps volunteers /, 85-13485

**Vought Corporation.**

Elliptical orbit performance computer program, 85-13148

NEMAR plotting computer program, 85-13147

**W**

**Wadleigh, John R., 1915-**

Sailors and scholars : the centennial history of the U.S. Naval War College /, 85-12338

**Wagenaar, Theodore C.**

Occupational aspirations and intended field of study in college /, 85-12443

**Waite, Warren A.**

Anion permselective membrane, 85-13402

**Walck, Marianne C.**

The upper mantle beneath the Cascade Range, 85-13450

**Walen, D. B.**

MLS/airplane system design, 85-13200

**Walklet, Donn C.**

Alternative strategies for space station financing, 85-13443

**Wallops Flight Facility.**

Radar data smoothing filter study, 85-13161

**Walters, James W.**

An aid to identifying aspen diseases frequently encountered in the Rocky Mountains /, 85-11950

**Wamsley, Robert M.**

Users guide : computer program for optimum dynamic design of nonlinear metal plates under blast loading (CSDOOR) /, 85-12321

**Wang, S.**

Spatial reasoning to determine stream network from LANDSAT imagery, 85-13405

**Wang, S. S.**

The mechanics of delamination in fiber-reinforced composite materials, 85-13188

**Warner, Charles.**

Satellite observations of a monsoon depression, 85-13268

**Warner, Deborah Jean.**

Perfect in her place : women at work in industrial America /, 85-13545

**Water Resources Support Center (U.S.)**

Waterborne commerce of the United States. Part 1, Waterways and harbors, Atlantic Coast /, 85-12318

Waterborne commerce of the United States. Part 2, Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles /, 85-12319

- Watson, Andrew B.**  
Uniform apparent contract noise, 85-13104
- Watson, James W.**  
Deposition stress effects on thermal barrier coating burner rig life, 85-13056
- Wave Propagation Laboratory.**  
Management information., 85-12113
- Weaver, Dave.**  
MicroSIFT courseware evaluations /, 85-12462
- Webb, Alan J.**  
Protection in agricultural markets /, 85-11995
- Webb, J. C.**  
The mid-Cretaceous frontier formation near the Moxa arch, southwestern Wyoming /, 85-12745
- Webb, Shwu-Eng.**  
Models for evaluating economic impacts of policy changes : a comparison /, 85-11985
- Webster, William J.**  
Observations of the earth's magnetic field from the space station, 85-13120
- Weeks, Robert J.**  
Histoplasmosis and its relation to bird roosts : a review /, 85-12952
- Wehr, Thomas A.**  
Seasonal effects on mood : the role of light /, 85-12708
- Welch, Thomas F.**  
Selling to the government of Mexico /, 85-12121
- Wells, Ray E.**  
Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835
- Wenner-Gren Biomedical Research Laboratory (University of Kentucky). Dept. of Mechanical Engineering.**  
Development of limb volume measuring system, 85-13177
- West, Anita S.**  
Self-paced instruction : factors critical to implementation in Air Force technical training : a preliminary inquiry /, 85-12410
- West, Jerry.**  
A trend study of high school offerings and enrollments : 1972-73 and 1981-92 /, 85-12442
- West Virginia University. Mining Extension Service.**  
Common sense electrical safety : electrical hazards, reference text /, 85-12906
- Westinghouse Electric Corporation. Advanced Energy Systems Division.**  
Process research of non-CZ silicon material, 85-13344
- Westinghouse Electric Corporation. Research & Development Center.**  
Laser-assisted solar cell metallization processing, 85-13348, 85-13349
- Weston, A. R.**  
Climb-dash real-time calculations, 85-13214
- Wheeler, Donald R.**  
Tribological applications of surface analysis, 85-13069
- Whigham, Mavis M.**  
Logistics plans specialist (AFSC 66150) /, 85-12402
- Whigham, Mavis V.**  
Legal services technician (AFSC 70570) /, 85-12403
- White, Allan L.**  
An approximation formula for a class of Markov reliability models, 85-13196
- White, D. M.**  
Correlation of coal properties with environmental control technology needs for sulfur and trace elements /, 85-12507
- White, Edward M. (Edward Michael), 1933-**  
Research in effective teaching of writing : phase I : final report /, 85-12453
- White, Fred D.**  
Review of the attributes and performance of six urban diffusion models /, 85-12499
- White, J. V.**  
Radar data smoothing filter study, 85-13161
- White, M., 1957-**  
Satellite data transmission (SDT) requirement, 85-13410
- Whitney, D. A.**  
Local effects of partly-cloudy skies on solar and emitted radiations, 85-13218
- Widgery, Claudia J.**  
Washington field recordings in the Archive of Folk Culture., 85-13018
- Wiesner, C. Howard.**  
Soil survey of Gregory County, South Dakota /, 85-11959
- Wigh, Richard J.**  
Comparison of leachate characteristics from selected municipal solid waste test cells /, 85-12492
- Wilcox, R. E. (Reed Emil), 1956-**  
ECUT, energy conversion and utilization technologies program, 85-13235
- Industry, university, and research institute interest in the U.S. Department of Energy ECUT Biocatalysis Research Activity, 85-13259
- Wilcox, R. W.**  
Tabulation of ozonesonde data : 1963-1980 /, 85-13390
- Wilkinson, David T.**  
Final technical report to National Aeronautics and Space Administration for contract #NAS5-24486, 85-13415
- Williams, D. L.**  
Principal facts for one-hundred-six gravity stations near the Goat Rocks wilderness area, Washington, 85-12807
- Williams, Gary W.**  
The Brazilian soybean industry : economic structure and policy interventions /, 85-11980
- Willis, P. B.**  
Investigation of test methods, material properties, and processes for solar cell encapsulants, 85-13336, 85-13341
- Wilson, Stephen G., 1945-**  
Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-through put rate transceiver, 85-13265
- Windle, Charles D.**  
Program performance measurement : demands, technology, and dangers /, 85-12710
- Winton, Steve L.**  
Feasibility of ultrasonic and other methods for direct measurement of condenser biofouling /, 85-12506
- Wirsching, Paul H.**  
Reliability considerations for the total strain range version of strainrange partitioning /, 85-13404
- Wisdom, Harold W.**  
Wood shipments to Puerto Rico /, 85-11911
- Wise, Bobby L.**  
Logistics plans specialist (AFSC 66150) /, 85-12402
- Wistrand, Glen L.**  
Furrow dike water conservation practices in the Texas High Plains /, 85-11853
- Witbeck, Nanci E.**  
A Bibliography of planetary geology and geophysics principal investigators and their associates, 1983-1984 /, 85-13129
- Witkin, Michael J.**  
Distribution of psychiatric beds, United States and each state, 1982 /, 85-12712

- State and county mental hospitals, United States, 1980-81 and 1981-82 /, 85-12711
- Wofford, Helen.  
Microhistological techniques for food habits analyses /, 85-11910
- Wofsy, Steven C.  
Sources and sinks for nitrous oxide and experimental studies of the source of atmospheric COS, CS<sub>2</sub> and CH<sub>3</sub>Cl, 85-13436
- Wohlgeneth, J. (John), 1946-  
Process research on polycrystalline silicon material (PROPSM), 85-13339
- Wolbers, H. L.  
Space station needs, attributes, and architectural options, 85-13293
- Wolfe, Margaret D.  
Environmental support specialist (AFSC 56651) /, 85-12399
- Wolverton, Gary S.  
Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452
- Wonnacott, Michael E.  
Strategy for technological update of vocational/ technical teachers /, 85-12433
- Wood, John A., 1932-  
Mineralogic and petrologic studies of meteorites and lunar samples, 85-13424
- Wood, Karen A.  
Popular names of U.S. Government reports : a catalog /, 85-13022
- Wood, Sidney Allen.  
Identification of aerosol composition from multi-wavelength lidar measurements, 85-13240
- Woodard, Julia F.  
Maintenance scheduling specialist (AFSC 39250) /, 85-12394
- World Administrative Radio Conference for the Mobile Services (1983 : Geneva, Switzerland)  
1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983., 85-13663
- World Data Center A for Solar-terrestrial Physics.  
Atmospheric handbook : atmospheric data tables available on computer tape /, 85-12102
- World Data Center A : Meteorology.  
Atmospheric handbook : atmospheric data tables available on computer tape /, 85-12102
- Wu, Yih-Tsuen.  
Reliability considerations for the total strain range version of strainrange partitioning /, 85-13404
- Wyatt Company. Risk Management Services.  
Port risk management guidebook: a risk management and insurance reference for U.S. ports /, 85-13642
- Wyatt, Frank.  
High precision measurements in crustal dynamic studies, 85-13287
- X
- Xu, Y. J.  
A study of physical processes for space radiation protection, 85-13213
- Y
- Yeager, William M.  
Particulate data reduction (PADRE) system reference manual /, 85-12517
- Yeend, Warren E., 1936-  
Engineering—geologic maps of northern Alaska, Lookout Ridge quadrangle, 85-12809
- Yin, Nanette H.  
Interplanetary mission design handbook, 85-13324
- Yinger, Robert J.  
Self-reports of teacher judgment /, 85-12474
- Young, C. Edwin.  
Recreation benefits from an improvement in water quality at St. Albans Bay, Vermont /, 85-11988
- Youngberg, C. T.  
Biomass estimators for thinned second-growth ponderosa pine trees /, 85-11921
- Z
- Zacharias, Greg.  
The VERRUN and VERNAL software systems for steady-state visual evoked experimentation, 85-13197
- Zacharias, Johanna.  
A style guide for CBO : about writing and word usage., 85-13946
- Zavitkovski, J.  
Biomass production of 12-year-old intensively cultured *Larix eurolepis* /, 85-11919
- Zeller, H. D. (Howard Davis), 1922-  
Sand-calcite crystals from Garfield County, Utah /, 85-12737
- Zienkiewicz, O. C.  
High speed inviscid compressible flow by the finite element method, 85-13262
- Zierke, William C.  
The boundary layer on compressor cascade blades, 85-13244
- Zimmerman, W. (Wayne)  
Evaluation of the HARDMAN comparability methodology for manpower, personnel, and training, 85-13321
- Zola, David.  
Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452

## Title Index

### A

- Abrasive tip treatment for use on compressor blades, 85-13395
- Abstracts of A.R.I. research publications, 85-12314
- Abstracts of ARI research publications, 85-12314
- Academic catalog, 85-12143
- Academic science/engineering. R & D funds., 85-13474
- Academic science. R & D funds, 85-13474
- Accidents of large motor carriers of property, 85-13603
- Accidents of motor carriers of property /, 85-13603
- Accounting periods and methods., 85-13569
- Accounts, 85-12558
- Acoustic shocks in a variable area duct containing near sonic flows, 85-13191
- An Act Entitled "The San Juan Basin Wilderness Protection Act of 1984.", 85-12627
- An Act Making Appropriations for the Departments of Labor, Health and Human Services, and Education, and Related Agencies for the Fiscal Year Ending September 30, 1985, and for Other Purposes., 85-12636
- An Act Pertaining to the Inheritance of Trust or Restricted Land on the Lake Traverse Indian Reservation, North Dakota and South Dakota, and for Other Purposes., 85-12592
- Act Providing for the Conveyance of Public Lands, Seneca County, Ohio, 85-12621
- Act to Amend Part A of Title XVIII of the Social Security Act with Respect to the Payment of Rates for Routine Home Care and Other Services Included in Hospice Care, 85-12635
- An Act to Amend Section 3056 of Title 18, United States Code, to Update the Authorities of the United States Secret Service, and for Other Purposes, 85-12617
- An Act to Amend the Act Authorizing the Establishment of the Congaree Swamp National Monument to Provide That at Such Time as the Principal Visitor Center Is Established, Such Center Shall Be Designated as the "Harry R.E. Hampton Visitor Center," and for Other Purposes., 85-12586
- An Act to Amend the Act of October 18, 1972, to Authorize Additional Authorization of Appropriations for Sitka National Historical Park, Alaska., 85-12584
- An Act to Amend the Bankruptcy Amendments and Federal Judgeship Act of 1984 to Make Technical Corrections with Respect to the Retirement of Certain Bankruptcy Judges, and for Other Purposes., 85-12598
- An Act to Amend the Communications Act of 1934 to Provide a National Policy Regarding Cable Television., 85-12604
- An Act to Amend the Panama Canal Act of 1979 to Authorize Quarters Allowances for Certain Employees of the Department of Defense Serving in the Area Formerly Known as the Canal Zone., 85-12624
- An Act to Amend the Public Health Service Act to Revise and Extend the Authorities of That Act for Assistance for Alcohol and Drug Abuse and Mental Health Services., 85-12589
- An Act to Amend the River and Harbor Act of 1946., 85-12628
- An Act to Amend the Tax Equity and Fiscal Responsibility Act of 1982 with Respect to the Effect of the 1985 Increase in the Federal Unemployment Tax Rate on Certain Small Business Provisions Contained in State Unemployment Compensation Laws., 85-12625
- An Act to Amend the Vocational Education Act of 1963 to Strengthen and Expand the Economic Base of the Nation, Develop Human Resources, Reduce Structural Unemployment, Increase Productivity ..., 85-12596
- An Act to Amend Title 38, United States Code, to Increase the Rates of Disability Compensation for Disabled Veterans and of Dependency and Indemnity Compensation for Surviving Spouses and Children of Veterans, to Increase the Rates of Subsistence and Educational Assistance Allowances ..., 85-12602
- An Act to Amend Title I of the Reclamation Project Authorization Act of 1972 in Order to Provide for the Establishment of the Russell Lakes Waterfowl Management Area as a Replacement for the Authorized Mishak National Wildlife Refuge, and for Other Purposes., 85-12609
- An Act to Authorize Amendments to a Certain Repayment and Water Service Contract for the Frenchman Unit of the Pick-Sloan Missouri River Basin Program., 85-12579
- An Act to Authorize Appropriations for Fiscal Year 1985 to Carry Out the Natural Gas Pipeline Safety Act of 1968 and the Hazardous Liquid Pipeline Safety Act of 1979, and for Other Purposes., 85-12576
- An Act to Authorize Appropriations to the Nuclear Regulatory Commission in Accordance with Section 261 of the Atomic Energy Act of 1954, and Section 305 of the Energy Reorganization Act of 1974., 85-12606
- An Act to Authorize the Administrator of General Services to Transfer to the Smithsonian Institution Without Reimbursement the General Post Office Building and the Site Thereof Located in the District of Columbia, and for Other Purposes., 85-12595
- An Act to Authorize the Secretary of the Interior to Enter into Contracts or Cooperative Agreements with the Art Barn Association to Assist in the Preservation and Interpretation of the Art Barn in Rock Creek Park in the District of Columbia, and for Other Purposes., 85-12585
- An Act to Compensate Heirs of Deceased Indians for Improper Payments from Trust Estates to States or Political Subdivisions Thereof as Reimbursements for Old Age Assistance Received by Decedents During Their Lifetime., 85-12581
- An Act to Designate Certain National Forest Lands in the State of Arizona as Wilderness, and for Other Purposes., 85-12573
- An Act to Designate Certain National Forest Systems Lands in the State of Arkansas for Inclusion in the National Wilderness Preservation System, and for Other Purposes., 85-12588
- An Act to Designate the Federal Building and United States Courthouse in Las Vegas, Nevada, as the "Foley Federal Building and United States Courthouse.", 85-12616
- An Act to Designate the Federal Building and United States Courthouse in Ocala, Florida, as the "Golden-Collum Memorial Federal Building and United States Courthouse.", 85-12615
- An Act to Designate the United States Courthouse Building in Hato Rey, Puerto Rico, as the "Clemente Ruiz Nazario United States Courthouse.", 85-12619

An Act to Designate the United States Post Office and Courthouse in Utica, New York, as the "Alexander Pirnie Federal Building.", 85-12620

An Act to Direct the Secretary of Agriculture to Convey, for Certain Specified Consideration, to the Sabine River Authority Approximately Thirty-One Thousand Acres of Land within the Sabine National Forest to Be Used for the Purposes of the Toledo Bend Project, Louisiana and Texas, and for Other Purposes., 85-12610

An Act to Eliminate Restrictions with Respect to the Imposition and Collection of Tolls on the Richmond-Petersburg Turnpike Upon Repayment by the Commonwealth of Virginia of Certain Federal-Aid ..., 85-12629

An Act to Establish Uniform Audit Requirements for State and Local Governments Receiving Federal Financial Assistance., 85-12583

An Act to Extend Through September 30, 1988, the Period During Which Amendments to the United States Grain Standards Act Contained in Section 155 of the Omnibus Budget Reconciliation Act of 1981 Remain ..., 85-12578

An Act to Facilitate Commercial Space Launches, and for Other Purposes., 85-12611

An Act to Implement the Eastern Pacific Ocean Tuna Fishing Agreement, Signed in San Jose, Costa Rica, March 15, 1983., 85-12574

Act to Improve Certain Maritime Programs of the Department of Transportation and the Department of Commerce, 85-12622

An Act to Prevent Disruption of the Structure and Functioning of the Government by Ratifying All Reorganization Plans as a Matter of Law., 85-12599

An Act to Provide for the Conservation and Management of Atlantic Striped Bass, and for Other Purposes., 85-12632

An Act to Provide for the Establishment of the Task Force on Organ Transplantation and the Organ Procurement and Transplantation Network, to Authorize Financial Assistance for Organ Procurement Organizations, and for Other Purposes., 85-12587

An Act to Provide for the Restoration of the Fish and Wildlife in the Trinity River Basin, California, and for Other Purposes., 85-12601

An Act to Provide for the Use and Distribution of Certain Funds Awarded the Wyandotte Tribe of Oklahoma and to Restore Certain Mineral Rights to the Three Affiliated Tribes of the Fort Berthold Reservation., 85-12626

An Act to Provide Retirement Equity for Former Spouses of Civil Service Retirees, and for Other Purposes., 85-12634

An Act to Provide That Any Osage Headright or Restricted Real Estate or Funds

Which Is Part of the Estate of a Deceased Osage Indian Who Did Not Possess a Certificate of Competency at the Time of Death Shall Be Exempt from Any Estate or Inheritance Tax Imposed by the State of Oklahoma., 85-12612

An Act to Redesignate the Veterans' Administration Medical Center Located in Poplar Bluff, Missouri, as the "John J. Pershing Veterans' Administration Medical Center.", 85-12618

An Act to Revise and Extend Provisions of the Public Health Service Act Relating to Health Promotion and Disease Prevention, to Provide for the Establishment of Centers for Research and Demonstrations Concerning Health Promotion and Disease Prevention, and for Other Purposes., 85-12605

An Act to Revise and Extend the Programs of Assistance Under Titles X and XX of the Public Health Service Act., 85-12591

Activities ... plans ..., 85-12112

Activities of the Committee on Veterans' Affairs, House of Representatives, 85-13688

Activities; plans - Geophysical Fluid Dynamics Laboratory, 85-12112

Activities report of the Committee on Veterans' Affairs, House of Representatives., 85-13688

Activity report of the Committee on Education and Labor of the U.S. House of Representatives, 85-13689

Adaptive arrays for satellite communications, 85-13254

Addendum to oversight of the U.S. Information Agency : hearings before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, May 10 and 15, 1984., 85-13853

Administration of the Wild Free-Roaming Horse and Burro Act, 85-12733

Adolescence and depression., 85-12707

Advanced composite elevator for Boeing 727 aircraft, 85-13137

Advanced gas turbine (AGT) technology development, 85-13401

Advanced gas turbine AGT technology project, 85-13389

Advanced labor negotiation techniques., 85-12274

An Advanced pitch change mechanism incorporating a hybrid traction drive, 85-13071

Advanced powder metallurgy aluminum alloys via rapid solidification technology, 85-13201

Advice and support., 85-12335

Aerodynamic characteristics of two NASA supercritical airfoils with different maximum thicknesses, 85-13033

Aeromagnetic map of the Craig area, Alaska, 85-12842

Aeromagnetic map of the San Francisco Peaks area, Arizona, 85-12831

Aeronautics and space, 85-12561, 85-12562

Aerosol backscatter lidar calibration and data interpretation, 85-13326

Aerospace ground equipment repairman (AFSC 42153) /, 85-12395

Affirmative employment statistics., 85-13487

Africa., 85-13504

Africa-east coast, Somalia, Cadale (Itala) to Baraawe /, 85-12195

Africa, the World Bank, and the IMF : an appraisal : hearing before the Subcommittee on Africa of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, February 23, 1984., 85-13847

Africa-West Coast, Mauritania—Western Sahara : Cap Blanc to Nouakchott /, 85-12186

An Agenda for a study of government science policy : report /, 85-13920

Agricultural finance statistics, 1960-83 /, 85-11849

Agriculture, 85-12559

Agriculture, rural development, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5743 ..., 85-13776

An aid to identifying aspen diseases frequently encountered in the Rocky Mountains /, 85-11950

The Air almanac /, 85-12366

Air almanac (Washington, D.C.), 85-12366

Air carrier operations inspector's handbook : part 135., 85-13609

Air traffic control., 85-13606

Air traffic control radar controller : soldier's manual : skill level 1, MOS 93J., 85-12270

Airbag demonstration program : phase III /, 85-13627

Airborne communications systems operator (AFSC 11650) /, 85-12382, 85-12383

Aircraft accident report : Scandinavian Airlines System flight 901, McDonnell Douglas DC-10-30, John F. Kennedy International Airport, Jamaica, New York, February 28, 1984 /, 85-13589

Aircraft accident report : Western Helicopters, Inc., Bell UH-1B, N87701, Valencia, California, July 23, 1982 /, 85-13588

Aircraft fire control repairer, MOS 68J : skill levels 1/2 : soldier's manual., 85-12271

Airworthiness directives, 85-13613, 85-13614

Alaska, 85-12794

Alaska topographic - bathymetric series : Icy Bay, 1961 /, 85-12895

- Alaska topographic series : Beaver, 1956 / , 85-12897
- Alaska topographic series : Fort Yukon, 1956 / , 85-12896
- Albuquerque District wilderness analysis reports, 1984 : Cabezon WSA, Empedrado WSA, Ignacio Chavez WSA, La Lena WSA, Ojito WSA, Rio Chamba WSA, Sabinoso WSA, San Antonio WSA., 85-12968
- Albuquerque District wilderness final environmental assessment., 85-12963
- Alcohol—bootleg fuel?, 85-13620
- Alcohol Abuse, Drug Abuse and Mental Health Amendments of 1984, 85-12589
- Alcohol and drug abuse prevention., 85-12425
- All about radioactive materials packages : a guide for supervisors at cargo terminals., 85-13637
- Allison transmissions : automatic models AT 540., 85-12373
- Allocation of budget totals for fiscal year ... : submitted pursuant to section 302(b) of the Congressional Budget Act of 1974 by the Committee on Science and Technology., 85-13685
- Alternative containers for low-level wastes containing large amounts of tritium / , 85-13741
- Alternative Medical Liability Act : hearing before the Subcommittee on Health of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5400 ... June 28, 1984., 85-13940
- Alternative strategies for space station financing., 85-13443
- Alternatives to ethylene dibromide (EDB) : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 9, 1984., 85-13769
- Alzheimer's disease : a Florida perspective : hearing before the Select Committee on Aging, House of Representatives, Ninety-eighth Congress, second session, May 19, 1984, Palm Harbor, FL., 85-13764
- Ambient noise in the sea / , 85-12365
- Amending the National Historic Preservation Act; miscellaneous conveyances; fee exemptions; and assistance to volunteer groups : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on H.R. 2889 ... H.R. 2982 ... S. 2692 ... H.R. 2838 ... June 28, 1984., 85-13820
- Amendment of part A of Title XVIII of the Social Security Act., 85-12635
- Amendment of the Debt Collection Act of 1982 : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on S. 376 ... October 19, 1983., 85-13888
- Amendment of Title 18 of the U.S. code., 85-12617
- Amendments to the rules of criminal procedure for the U.S. district courts : communication from the Chief Justice of the United States transmitting amendments to the rules of criminal procedure for the U.S. district courts, adopted by the Supreme Court pursuant to 18 U.S.C. 3771 and 3772, together with the report of the Judicial Conference of the United States submitted to the Court pursuant to 28 U.S.C. 331., 85-13677
- American air almanac, 85-12366
- The American freshman : national norms for fall 1983 / , 85-12457
- American language course., 85-12128
- An American sunrise : the Vietnam Veterans Leadership Program : a history of ACTION's three-year veteran's initiative : technical report / , 85-12011, 85-12012
- America's fact finder, the Census Bureau : your introduction to ... mines., 85-12017
- "An extended d(min) = 4 RS code", 85-13282
- Analysis of carbon dioxide bands near 2.2 um, 85-13275
- Analysis of electrophoresis performance, 85-13172
- An analysis of fiscal policy alternatives for serving special populations in vocational education / , 85-12428
- An analysis of New York's timber resources / , 85-11931
- Analysis of noise measured from a propeller in a wake / , 85-13464
- An analysis of spectral discrimination between corn and soybeans using a row crop reflectance model, 85-13372
- Analysis of urban storm-runoff data and the effects on the South Platte River, Denver metropolitan area, Colorado / , 85-12791
- Analysis to improve the maintenance environment : a view from active-duty missile maintenance personnel / , 85-12409
- An analytical design procedure for the determination of effective leading edge extensions on thick delta wings, 85-13429
- An analytical framework for examining investment in agriculture / , 85-11991
- An analytical method to predict efficiency of aircraft gearboxes, 85-13074
- Anion permselective membrane, 85-13402
- Anisotropic models of the upper mantle, 85-13255
- Annotated bibliography of the Air Force Human Resources Laboratory technical publications, 1981 / , 85-12408
- Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045
- Annual report - Board for International Broadcasting, 85-13694
- Annual report - Commodity Futures Trading Commission, 85-13695
- Annual report for fiscal year ..., 85-12678
- Annual report for the year ... Select Committee on Narcotics Abuse and Control., 85-13692
- Annual report of the American Historical Association, 85-13550
- Annual report of the Chief of Engineers, U.S. Army, 85-12318, 85-12319
- Annual report of the Federal Radio Commission to the Congress of the United States, 85-12124
- Annual report of the SEC, 85-13542
- Annual report of the Securities and Exchange Commission for the fiscal year ended ..., 85-13542
- Annual report of the Select Committee on Narcotics Abuse and Control, 85-13692
- Annual report of the Tennessee Valley Authority, 85-13759
- Annual report on activities carried out under Public Law 480, 85-11878
- Annual report on Public Law 480, 85-11878
- Annual report to Congress / , 85-12007
- Annual report to Congress. Indian and Alaska native housing and community development programs, 85-12725
- Annual report to National Aeronautics and Space Administration for characterization of physio-chemical properties of polymeric and electrochemical materials for aerospace flight, 85-13438
- The ... annual report to the President of the United States of the National Advisory Council on Adult Education., 85-13697
- Antarctica : hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on Antarctica, September 24, 1984., 85-13796
- Aplicaciones de los sensores remotos a problemas hidrologicos e inundaciones, 85-13364
- Application for grants under the Law-Related Education Program., 85-12421
- Application for grants under Title VI of the Higher Education Act of 1965, as amended : International Research and Studies Program, CFDA number 84.017., 85-12422
- Application of a quasi-3D inviscid flow and boundary layer analysis to the hub-

- shroud contouring of a radial turbine, 85-13055
- Application of an optimization method to high performance propeller designs, 85-13072
- Application of image processing technology to problems in manuscript encapsulation, 85-13226
- Application of supercomputers to computational aerodynamics, 85-13111
- Application of surface acoustic wave devices to radio telemetry, 85-13273
- Applying research to teacher education : the University of Utah's collaborative approach, first year preliminary report /, 85-12467
- Appraisal of data for ground-water quality in Nebraska /, 85-12742
- Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota /, 85-12789
- Appraisal study of saline water use equipment for power plant cooling /, 85-12901
- Apprentice operations systems management specialist (AFSC 27132) /, 85-12385
- An approximation formula for a class of Markov reliability models, 85-13196
- Arbitration handbook., 85-13561
- Architecture, planning and design, 85-13468
- Area wage survey. Cleveland, Ohio, metropolitan area /, 85-13013
- Area wage survey. Columbus, Ohio, metropolitan area /, 85-13015
- Area wage survey. Indianapolis, Indiana, metropolitan area /, 85-13014
- Argentine agricultural policies in the grain and oilseed sectors /, 85-11982
- Arizona Wilderness Act of 1984, 85-12573
- Arkansas Wilderness Act of 1984, 85-12588
- Arkansas Wilderness Act of 1984 : report (to accompany S. 2125)., 85-13668
- Armed Forces., 85-12545
- Army Medical Specialist Corps : the Army Medical Team., 85-12300
- The Army Reserve., 85-12304
- The Army Reserve helps you and the people you care about., 85-12303
- Army ROTC scholarships., 85-12302
- The Art and practice of military strategy /, 85-12221
- Arthritis, rheumatic diseases, and related disorders., 85-12672
- Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to Mys Nizmeny /, 85-12213
- Asia, Persian Gulf-southeastern part, Halat Al Mubarratz to Ash Shariqah /, 85-12197
- Asia, South Korea-South coast, Donae Hae to Busan Hang (Tonae Hae to Pusan Hang), including Tsushima (Japan) /, 85-12214
- Assessment of alternative aircraft fuels : proceedings of a conference held at NASA Lewis Research Center, Cleveland, Ohio, November 2-3, 1983., 85-13456
- An assessment of terminal blocks in the nuclear power industry /, 85-13732
- Assistance available from the Soil Conservation Service., 85-11857
- The ASTRO-1 preliminary design review coupled loads analysis, 85-13040
- Astronomical application of IR CID technology, 85-13154
- Atlantic Coast, waterways and harbors., 85-12318
- Atlantic Striped Bass Conservation Act, 85-12632
- Atmospheric environment for space shuttle (STS-13) launch, 85-13041
- Atmospheric handbook : atmospheric data tables available on computer tape /, 85-12102
- Attorney careers with the Legal Division., 85-13552
- Australia-north coast, Port Essington to Cape Stewart /, 85-12204
- Australian beef production and exports /, 85-11997
- Automated data systems manual : Nonappropriated Funds Information Standard System (NAFISS) : general ledger, users manual., 85-12317
- Automated data systems manual, Nonappropriated Funds Information Standard System (FAFISS) : budget, users manual., 85-12240
- Automated fingerprint identification : regional application of technology /, 85-12994
- Automobile manufacturers' measurements., 85-12530
- Autonomous omnidirectional spacecraft antenna system, 85-13406
- Aviation Fuel Conservation Symposium : September 10-11, 1984 /, 85-13607
- Aviation weather observations : for Supplementary Aviation Weather Reporting Stations (SAWRS) and limited Aviation Weather Reporting Stations (LAWRS)., 85-12016

## B

- Background information document : (integrated risk assessment) : final rules for radionuclides., 85-12524
- Background notes, Benin., 85-13525
- Background notes, Cyprus., 85-13526
- Background notes, Ecuador., 85-13527
- Background notes, Guatemala., 85-13528
- Background notes, Jamaica., 85-13529
- Background notes, Luxembourg., 85-13530
- Background notes, Vatican City., 85-13531
- Bahrain., 85-13505
- Baltic Sea, Sweden and Finland, Gulf of Bothnia /, 85-12184
- Baltic Sea, Sweden-east coast, Gotland /, 85-12185
- Bankruptcy., 85-13578
- Banks and banking., 85-12544
- Barium chloride from the People's Republic of China : determination of the Commission in investigation no. 731-TA-149 (final) under the Tariff Act of 1930, together with the information obtained in the investigation., 85-12983
- Barley : background for 1985 farm legislation., 85-11870
- Baseline acidity of ancient precipitation from the South Pole /, 85-12325
- Basic and applied research related to the technology of space energy conversion systems, 1982-1983, 85-13260
- Basic rifle marksmanship trainer's guide., 85-12246
- Be a vital part of American medicine as an Army physician : the Army medical team., 85-12297
- Bearing tester data compilation, analysis, and reporting and bearing math modeling, 85-13175
- Benefits, the Army Reserve : what you get out of it., 85-12296
- Bestsellers, 1979-1983., 85-13024
- Better monitoring and recordkeeping systems needed to accurately account for juvenile justice practice : report to the Chairman, Subcommittee on Human Resources, Committee on Education and Labor, House of Representatives /, 85-12534
- Beyond high school : the army's education planning guide., 85-12308
- A Bibliography of planetary geology and geophysics principal investigators and their associates, 1983-1984 /, 85-13129
- A bibliography of planetary geology principal investigators and their associates, 1982-1983, 85-13122
- Biology of dwarf mistletoes : proceedings of the symposium, August 8, 1984, Colorado State University, Fort Collins /, 85-11942
- Biomass estimators for thinned second-growth ponderosa pine trees /, 85-11921
- Biomass production of 12-year-old intensively cultured *Larix eurolepis* /, 85-11919
- Birth, stillbirth, and infant mortality statistics for the continental United States, the territory of Hawaii, the Virgin Islands, 85-12691
- Black cherry site index curves for the Allegheny Plateau /, 85-11900
- Blood policy & technology., 85-13750
- Blood volume responses in partially dehydrated subjects working in the cold /, 85-12341
- Blowing the whistle in the federal government : a comparative analysis of 1980 and 1983 survey findings : a report of the

U.S. Merit Systems Protection Board, Office of Merit Systems Review and Studies., 85-13030  
 Blue book, 85-12683  
 Books for blind and physically handicapped individuals., 85-13025  
 Border patrol agent as a career., 85-12998  
 Borehole logging for radium-226 : recommended procedures and equipment /, 85-13726  
 The Boston elbow /, 85-13752  
 The boundary layer on compressor cascade blades, 85-13244  
 Brazil-east coast, Belmonte to Rio de Janeiro /, 85-12166  
 Brazil-East coast, Cabo de Sao Tome to Rio de Janeiro /, 85-12169  
 Brazil-east coast, Recife to Belmonte /, 85-13767  
 Brazil-north coast, Cabo Orange to Ilha de Maraca /, 85-12170  
 The Brazilian soybean industry : economic structure and policy interventions /, 85-11980  
 A Brief history of Farmers Home Administration /, 85-11972  
 A Brief list of material relating to the music of Morocco., 85-13017  
 British air almanac, 85-12366  
 Broadcast regulation and station ownership : hearing before the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6122 ... H.R. 6134 ... September 19, 1984., 85-13832  
 Bruce spanworm., 85-11951  
 Budget highlights, 85-12726  
 Budget in brief, 85-13500  
 Budget of the U.S. Government, 85-13498, 85-13499  
 Budget of the United States Government., 85-13498  
 The budget of the United States Government. Appendix., 85-13499  
 Budget of the United States Government. Appendix (Dept. ed.), 85-13499  
 The budgetary status of the Federal Reserve System., 85-13945  
 Building materials : trade list., 85-12119  
 Bumper tests of a 1979 Ford LTD retrofitted with Romeo-Kojyo and breed all mechanical air bag sensor systems., 85-13633  
 Business., 85-13481  
 BWR Full Integral Simulation Test (FIST) program facility description report /, 85-13718

## C

Cable Communications Policy Act of 1984, 85-12604  
 Calibration procedure for automatic phase locking synchronizer, Weinschel engi-

neering model 4311B option 3., 85-12277  
 Calibration procedure for automotive generator and voltage regulator test sets (general), 85-12276  
 Calibration procedure for calibration fixture, Hewlett-Packard model 11715A., 85-12278  
 Calibration procedure for electrical test stand, United Manufacturing Company, models APS, type 18/500-1, part number 7085-5, federal stock number 4920-508-6345., 85-12295  
 Calibration procedure for electronic voltmeters AN/URM-145 (Boonton, model 91CA), AN/URM-145A, AN/URM-145B, AN/URM-145C, AN/URM-145D/U, and RF voltmeters, Boonton, models 91C, 91CA-S4, 91DA, 91H, and 91HR., 85-12283  
 Calibration procedure for hygrograph and thermograph system, Honeywell, model Y612X21-FH-11-111-77, Weathertronics model 5020, and Foxboro, model A127., 85-12285  
 Calibration procedure for multimeter ME-297/U., 85-12282  
 Calibration procedure for oscilloscope; AN/USM-184 (Tektronix Type 545A), AN/USM-196 and OS-159 (P)/USM-195 (Tektronic Type RM45A and Lavoie model LA265A), 85-12279  
 Calibration procedure for oscilloscopes AN/USM-140 and AN/USM-141 (Hewlett-Packard models 170 and 170AR), AN/USM-140A (Hickok Instrument Co., model 1807), AN/USM-140B and AN/USM-141A (Hewlett-Packard models 170B and 170BR), AN/USM-140C and AN/USM-141B (Hickok Instrument Co.) ..., 85-12280  
 Calibration procedure for peak power calibrator, Hewlett-Packard, model 8900B., 85-12287  
 Calibration procedure for signal generator, AN/URM-521(), TS-621(), and Hewlett-Packard models 618B and 618C., 85-12288  
 Calibration procedure for standard capacitors fixed and variable (general), 85-12281  
 Calibration procedure for telephone test set TA-885/U and Hewlett-Packard, model 3555B., 85-12284  
 Calibration procedure for weights (mass) (general), 85-12286  
 Cameroon : an export market profile /, 85-11981  
 Campground information : Wallowa-Whitman National Forest., 85-11881  
 Campground information : Wayne-Hoosier National Forest Campgrounds., 85-11882  
 Candidate sampling and analysis methods for 21 suspect carcinogens in combustion emissions /, 85-12509  
 Canonical solutions for unsteady flow fields, 85-13096  
 Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material, 85-13342  
 Cardiomiopatia congestiva., 85-12654  
 CARE III model overview and user's guide, 85-13095  
 Career after college : establishing the validity of abilities learned in college for later career and professional performance : final report to the National Institute of Education : overview and summary /, 85-12458  
 Career after college : perspectives on lifelong learning and career development /, 85-12459  
 Cargo preference and U.S. wheat exports /, 85-11989  
 Carl D. Perkins Vocational Education Act, 85-12596  
 Cartographic and Architectural Branch., 85-12557  
 Cartoons and comic strips., 85-13021  
 Catalog /, 85-12143  
 Catalog of audiovisual productions : DoD productions cleared for public release., 85-12134  
 Catalog of completed research studies., 85-13539  
 Catalog of federal tax forms, form letters, and notices., 85-13557  
 Catalog of government patents /, 85-12096  
 A Catalyst for change : the Extension Service /, 85-11953  
 CCRS proposal for evaluating LANDSAT-4 MSS and TM data, 85-13422  
 Cell-site transceivers and subassemblies thereof from Japan : determination of the Commission in investigation no. 731-TA-163 (final) under the Tariff act of 1930, together with the information obtained in the investigation., 85-12984  
 Census of construction industries (1982), 85-12046  
 Census of manufactures (1982), 85-12020  
 Census of retail trade (1982), 85-12048  
 Census of service industries (1982), 85-12075  
 Census of wholesale trade (1982), 85-12059  
 Center for Drugs and Biologics Medical Library., 85-12684  
 Central America, Pacific Coast, Cabo Velas to Punta Mala /, 85-12162  
 CFR. 4, Accounts, 85-12558  
 CFR. 7, Agriculture, 85-12559  
 CFR. 10, Energy, 85-12560  
 CFR. 14, Aeronautics and space, 85-12561, 85-12562  
 CFR. 16, Commercial practices, 85-12563  
 CFR. 43, Public lands, interior, 85-12564  
 CFR. 45, Public welfare, 85-12565  
 CFR. 46, Shipping, 85-12566

- CFR. 47, Telecommunications, 85-12567
- CFR. 48, Federal acquisition regulations system, 85-12568
- CFR. 49, Transportation, 85-12569, 85-12570
- CFR. 50, Wildlife and fisheries, 85-12571, 85-12572
- CFTC annual report, 85-13695
- CFTC databook, 85-13695
- Challenge, change, and achievement : the Department of Justice, 1981-1985 : a report to employees /, 85-12986
- Characteristics of arc currents on a negatively biased solar cell array in a plasma, 85-13082
- Characterization of nuclear reactor containment penetrations /, 85-13735
- Characterization of the low-level radioactive wastes and waste packages of the General Electric Vallecitos Nuclear Center : final report /, 85-13736
- Charitable contributions and ministers' and military housing deductions : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 377 and S. 2017, September 26, 1984., 85-13844
- Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay /, 85-13739
- Child sexual abuse victims in the courts : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session on oversight hearings to consider the testimony of children in sexual abuse cases, May 2 and 22, 1984., 85-13898
- Chile, Bahia de Valparaiso to Golfo de Arauco /, 85-12164
- China's trade with other Pacific rim nations : hearing before the Special Subcommittee on U.S. Trade with China of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13824
- Chronobiology and the digestive system : proceedings of a meeting held at the University of Minnesota in September 1981., 85-12649
- Citrus fruits. Revised estimates, by states., 85-11851
- Civil Rights Act of 1984 : joint hearing before the Subcommittee on Education, Arts, and Humanities and the Subcommittee on the Handicapped of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2568 ...., 85-13900
- Civil Service Retirement Spouse Equity Act of 1984., 85-12634
- Classification of the California desert for geology-energy-mineral resource potential : a geostatistical classification /, 85-12966
- Clay construction products, 85-12036
- Cleveland, Ohio, metropolitan area, 85-13013
- Climate impact assessment. Foreign countries ... annual summary., 85-12103, 85-12104
- Climate of Priest River Experimental Forest, northern Idaho /, 85-11936
- Climb-dash real-time calculations, 85-13214
- Cloud cover typing from environmental satellite imagery, 85-13316
- The Co-operative education program : a career opportunity for you., 85-12363
- Coal and wood burning heating stoves., 85-13696
- Coal-seismic, desktop computer programs in BASIC, 85-12836
- Coast Guard Authorization Act of 1984., 85-12607
- Code of federal regulations. 4, Accounts., 85-12558
- Code of federal regulations. 7, Agriculture., 85-12559
- Code of federal regulations. 10, Energy., 85-12560
- Code of federal regulations. 14, Aeronautics and space., 85-12561, 85-12562
- Code of Federal regulations. 16, Commercial practices., 85-12563
- Code of Federal regulations. 43, Public lands, interior., 85-12564
- Code of federal regulations. 45, Public welfare., 85-12565
- Code of federal regulations. 46, Shipping., 85-12566
- Code of federal regulations. 47, Telecommunications., 85-12567
- Code of federal regulations. 48, Federal acquisition regulations system., 85-12568
- Code of federal regulations. 49, Transportation., 85-12569, 85-12570
- Code of federal regulations. 50, Wildlife and fisheries., 85-12571, 85-12572
- Cold-air performance of compressor-drive turbine of Department of Energy upgraded automobile gas turbine engine, 85-13051
- Collaborative for Alabama Urban School Educators : final report /, 85-12469
- A collaborative model to identify and implement applications of research on effective teaching to preservice/in-service teacher education /, 85-12466
- Collected reprints /, 85-12109
- Collected reprints (Southwest Fisheries Center), 85-12109
- Collection efficiency evaluation of mercury-trapping media for the SASS train impinger system /, 85-12515
- Columbus, Ohio, metropolitan area, 85-13015
- Colville National Forest firewood map., 85-11883
- Combat control operator (AFSC 27350) /, 85-12386
- Combustion characteristics in the transition region of liquid fuel sprays, 85-13430
- Combustion gas properties : I-ASTM jet A fuel and dry air /, 85-13465
- Combustion modification tests on a subscale cement kiln for NOx reduction /, 85-12508
- Command assessor team manual., 85-12358
- Commencement of terms of office of the President and Members of Congress : hearing before the Subcommittee on the Constitution of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 71 ... April 24, 1984., 85-13893
- Commercial practices, 85-12563
- Commercial Space Launch Act, 85-12611
- Commission on the Ukraine Famine Act : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 3, 1984., 85-13857
- Commissioner of Patents and Trademarks annual report /, 85-12091
- Commissioner of Patents annual report, 85-12091
- Common sense electrical safety : electrical hazards, reference text /, 85-12906
- Community and Family Living Amendments of 1983 : field hearing before the Subcommittee on Health of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 13, 1984., 85-13842
- Community development., 85-13482
- Community health education resources., 85-12706
- Community services block grant : new state role brings program and administrative changes : report to the Congress /, 85-12535
- A comparative study of linear array synthesis technique using a personal computer /, 85-12362
- A comparison of bilingual oral language and reading skills among limited English-speaking students from Spanish-speaking backgrounds /, 85-12468
- Comparison of leachate characteristics from selected municipal solid waste test cells /, 85-12492
- Comparison of numerical techniques for integration of stiff ordinary differential equations arising in combustion chemistry /, 85-13467
- Comparison of results of United States and Soviet dissolved oxygen measurements in water by the Winkler method /, 85-12098

- A comparison of two photogrammetric algorithms for the measurement of model deformation in the national transonic facility, 85-13102
- Compendium of HHS evaluation studies, 85-12637
- A Competitive assessment of the United States software industry., 85-12118
- Competitive conditions in the U.S. civil aircraft industry and forest products industry : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 9, 1984, Seattle, Washington., 85-13943
- A compilation of federal education laws ... as amended through December 31, 1984 / , 85-13812
- A compilation of mineral occurrences and the relationship of occurrences to structural elements of the Kentucky and Tennessee region, 85-13411
- Complex eigenvalues for the stability of couette flow, 85-13179
- Composite laminates with negative through-the-thickness Poisson's ratios, 85-13288
- Computer analysis of effects of altering jet fuel properties on refinery costs and yields, 85-13392
- Computer-assisted diagnosis program for acute abdominal pain / , 85-12342
- Computer generated animation and movie production at LARC, 85-13202
- Computer model for economic study of unbleached kraft paperboard production / , 85-11935
- Computer program directory for petroleum assessment of wilderness lands in the western United States, 85-12833
- A computer program for predicting nonlinear uniaxial material responses using viscoplastic models, 85-13060
- Computerized algorithms for evaluating prehospital care., 85-13628
- Computers : a selection of books for sale by the Superintendent of Documents., 85-12538
- CONC/11, a computer program for calculating the performance of dish-type solar thermal collectors and power systems, 85-13323
- A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI, 85-13184
- Conceptual development of a toxic screening model / , 85-12518
- Conducting an initial assessment : feedback for criterion test., 85-12705
- Conducting surveillance of infections : criterion test., 85-12703
- Confined turbulent swirling recirculating flow predictions, 85-13431
- Congestive cardiomyopathy / , 85-12653
- Congressional budget request., 85-12416
- [Congressional serial set], 85-13652, 85-13653, 85-13654, 85-13655, 85-13656, 85-13657, 85-13658
- Considerations on command and response language features for a network of heterogeneous autonomous computers, 85-13117
- Consolidated listing of recent Official gazette notices, re Patent and Trademark Office practices and procedures., 85-12092
- Consortium on Trade Research : agricultural trade policy issues in the eighties, current research, and long-term forecasting., 85-11994
- The construction of a highly transportable laser ranging station, 85-13434
- Construction of a recycled portland cement concrete pavement / , 85-13598
- Construction of finite difference schemes having special properties for ordinary and partial differential equations, 85-13311
- Consumer fraud and the elderly : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on consumer fraud and the elderly, October 22, 1984., 85-13799
- The contact lens industry : structure, competition, and public policy / , 85-13754
- Containerless high temperature property measurements by atomic fluorescence, 85-13174
- CONTEMPT4/MOD5 : an improvement to CONTEMPT4/MOD4 multicompartment containment system analysis program for ice containment analysis / , 85-13744
- Continuation application for grants under Upward Bound Program., 85-12423
- Control of wood stove emissions using improved secondary combustion / , 85-12505
- Controls on exports to the People's Republic of China : hearing before the Subcommittee on International Economic Policy and Trade of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, first session, November 17, 1983., 85-13850
- Conveyance of public lands, Seneca County, Ohio., 85-12621
- Cooperative grain trade opportunities in eastern Europe., 85-12008
- Coordinated transportation demonstration results : final report / , 85-13586
- CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions / , 85-13738
- Corn : background for 1985 farm legislation., 85-11864
- Corporation income tax returns documentation guide, 85-13564
- The Corps, the environment, and the Upper Mississippi River Basin / , 85-12326
- Correlated measurements of UHF radar signatures, RF radiation, and electric field changes from lightning, 85-13084
- Correlation of coal properties with environmental control technology needs for sulfur and trace elements / , 85-12507
- Correlation of concrete tie track performance in revenue service and at the facility for accelerated service testing., 85-13604
- Corrosion control / , 85-12407
- COSAL, a black-box compressible stability analysis code for transition prediction in three-dimensional boundary layers, 85-13149
- Cost and performance models for electrostatically stimulated fabric filtration / , 85-12516
- Cost savings potential from improvement in railcar reliability and maintainability / , 85-13625
- Cotton : background for 1985 farm legislation., 85-11869
- Cotton ginnings in the United States., 85-12035
- Country reports on human rights practices : report submitted to the Committee on Foreign Relations, U.S. Senate and Committee on Foreign Affairs, U.S. House of Representatives by the Department of State in accordance with sections 116(d) and 502B(b) of the Foreign Assistance Act of 1961, as amended., 85-13864
- Country reports on human rights practices (Washington, D.C. : 1979), 85-13864
- Court decisions relating to the National Labor Relations Act., 85-13028
- Courts and correctional institutions., 85-12542
- Cranberries / , 85-11975
- Cranberries (Washington), 85-11975
- Cranberries (Washington, D.C.), 85-11975
- Craters of the Moon National Monument vegetation type map / , 85-12949
- Creep-rupture behavior of candidate Stirling engine alloys after long-term aging at 760°C in low-pressure hydrogen, 85-13061
- Crime and violence in the media : hearing before the Subcommittee on Crime of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session ... April 13, 1983., 85-13885
- The Crime prevention activity book., 85-12999
- Criminal Division : [annual report] / , 85-12987
- Criminal Fine Enforcement Act of 1984., 85-12623
- Crop output growth : changes in component contributions for six developing countries / , 85-11993
- Cross-references within the Internal Revenue Code of 1954 as of January 3, 1985 / , 85-13693
- Crystal growth of device quality GaAs in space, 85-13208, 85-13337

Cumulative list of organizations described in section 170 (c) of the Internal Revenue Code of 1954., 85-13559

Current awareness in patient education., 85-12700

Current awareness in school health education., 85-12701

Current housing reports. Series H-150, Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045

Current industrial reports. M-32D, Clay construction products /, 85-12036

Current industrial reports. MA-24T, Lumber production and mill stocks /, 85-12037

Current industrial reports. MA-28A, Inorganic chemicals /, 85-12038

Current industrial reports. MA-28C, Industrial gases /, 85-12039

Current industrial reports. MA-33B, Steel mill products /, 85-12040

The current state and future prospects of the U.S. photovoltaics industry : hearings before the Subcommittee on Energy Development and Applications of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, September 11, 19, 1984., 85-13926

Current trends in the financial services industry and their impact on small business financing : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, D.C., September 6, 1984., 85-13929

Curriculum for Naval Junior Reserve Officer Training Corps (NJROTC), NSI-IV, drills, commands, and ceremonies., 85-12344

Customer services national telephone directory., 85-13477

Customs, courtesies and activities guide /, 85-12242

Customs valuation rulings under the Trade Agreements Act of 1979., 85-13555

Cut-off rate calculations for the outer channel in a concatenated coding system, 85-13278

Cystic fibrosis., 85-12673

Cystic fibrosis (National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.)), 85-12673

Cystic fibrosis (National Institute of Arthritis, Metabolism, and Digestive Diseases), 85-12673

## D

D.C. judges and independent counsel : hearings and markups before the Subcommittees on Fiscal Affairs and Health, Judiciary and Education and the Com-

mittee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on H. R. 3655 ... H.R. 3920 ... H.R. 4146 ... H.R. 4371 ... H.R. 5279 ... H.R. 5636 ... H.R. 5951 ... H.R. 5379 and H.R. 6007 ... September 20, 28, 29, and November 17, 1983; May 2, June 14, 28, and July 24, 25, 1984., 85-13803

D.I.D.S. procedures manual. Vol. 11, Edit/validation criteria, 85-12225

D.I.D.S. procedures manual. Vol. 14, Reports and statistics, 85-12227

D.I.D.S. procedures manual. Vol. 16, Remote terminal system, 85-12228

Dairy : background for 1985 farm legislation., 85-11867

Daring what others dream., 85-13031

Dataflow computing approach in high-speed digital simulation, 85-13258

Decisions and orders of the National Labor Relations Board., 85-13027

Decisions and reports on rulings of the Assistant Secretary of Labor for Labor-Management Relations, 85-13699, 85-13700

Decisions of the Federal Labor Relations Authority., 85-13699, 85-13700

Decisions of the Maritime Subsidy Board, Maritime Administration, Department of Commerce., 85-12094

Decisions of the National Labor Relations Board, 85-13027

Deer and cattle forage selection on Louisiana pine-hardwood sites /, 85-11908

Defense Integrated Data System DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids., 85-12224

Defense Integrated Data System DIDS procedures manual. Vol. 11, Edit/validation criteria., 85-12225

Defense Integrated Data System DIDS procedures manual. Vol. 13, Materiel management decision rule tables., 85-12226

Defense Integrated Data System DIDS procedures manual. Vol. 14, Reports and statistics., 85-12227

Defense Integrated Data System DIDS procedures manual. Vol. 16, Remote terminal system., 85-12228

Defensive system trainer specialist (AFSC 34152) /, 85-12392, 85-12393

Deferrals : message from the President of the United States transmitting a report on four new deferrals of budget authority for fiscal year 1983, and one revision to a previously reported deferral of budget authority, pursuant to sections 1013(a) and 1014(c) of Public Law 93-344., 85-13675

Deflections of uniformly loaded floors : a beam-spring analog /, 85-11893

Deformation measurements of composite multi-span beam shear specimens by moiré interferometry /, 85-13145

Delamination growth analysis in quasi-isotropic laminates under loads simulating low-velocity impact, 85-13097

Demand for commercially delivered domestic fuelwood in Colorado, 1980 /, 85-11925

Demonstration and evaluation of energy efficient systems for residential structures : the energy efficient residence (EER-2) : final report /, 85-12723

Demonstration of angular anisotropy in the output of thematic mapper, 85-13421

Denmark Strait, Greenland (Denmark)-east coast, Kap Gustav Holm sheet /, 85-12179

Denmark Strait, Greenland (Denmark)-east coast, Lemon Bugt to Storo /, 85-12178

Department of Defense authorization for appropriations for fiscal year 1985 : hearings before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, on S. 2414 ..., 85-13787

Department of Defense personal property storage : field training workbook for quality assurance., 85-12237

Department of Defense prime contract awards in areas of substantial unemployment, 85-12136, 85-12137, 85-12138, 85-12139

Department of Energy research and development programs—fiscal year 1985 : hearings before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on the Department of Energy research and development programs, March 5, 12, 20, 22, April 5, and 24, 1984., 85-13818

Department of Housing and Urban Development annual report to Congress on Indian and Alaska native housing and community development programs., 85-12725

Departments of Commerce, Justice, State, the Judiciary, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5712 ..., 85-13777

Departments of Labor, Health and Human Services, and Education, and Related Agencies Appropriation Act, 1985, 85-12636

Departments of Labor, Health and Human Services, Education, and related agencies appropriations for 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 6028/S. 2836 ..., 85-13778

Deposition stress effects on thermal barrier coating burner rig life, 85-13056

- Descriptive, geologic, and borehole geophysical logs for 23 test holes in south-central Nebraska, 85-12827
- Descriptive statistics : tables, graphs, & charts /, 85-12696
- Design and construction of equipment items for geophysical fluid flow models, 85-13163
- Design arts., 85-13468
- Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-through put rate transceiver, 85-13265
- Design considerations for a <sup>3</sup>He refrigerator for space applications, 85-13112
- Design, development and use of the finite element machine, 85-13178
- Design information on rotating biological contactors /, 85-12490
- Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers, 85-13241
- Design of small dams., 85-12903
- Detailed listing of real property owned by the United States and used by civil agencies throughout the world as of ..., 85-12554
- Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003
- Determination of the key parameters affecting historic communications satellite trends, 85-13052
- Determination of the succinonitrile-benzene and succinonitrile-cyclohexanol phase diagrams by thermal and UV spectroscopic analysis, 85-13036
- Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures /, 85-13733
- Developer/demonstration project : a program to train apprentices to lead inservice workshops for secondary teachers of basic skills : final report /, 85-12475
- Developing childhood injury prevention programs : an administrative guide for state maternal and child health (Title V) programs /, 85-12716
- Developing models and public education in home equity conversion for a rural state : final report of Maine's Home Equity Conversion Task Force /, 85-12721
- Development and evaluation of a fault-tolerant multiprocessor (FTMP) computer, 85-13194
- Development/deployment investigation of Cabintaxi/Cabinlift system /, 85-13626
- Development INTERDATA 8/32 computer system, 85-13449
- Development of an all-metal thick film cost effective metallization system for solar cells, 85-13345
- Development of criteria for extension of applicability of low-emission, high-efficiency coal burners : fourth annual report /, 85-12514
- Development of dynamic simulation of TF34-GE-100 turbofan engine with post-stall capability, 85-13053
- The development of efficient coding for an electronic mail system, 85-13227
- Development of limb volume measuring system, 85-13177
- Development of new intercalated cathode materials for use in sodium batteries, 85-13205
- Diabetes mellitus., 85-12674
- Diabetes mellitus (National Institute of Arthritis, Diabetes, and Digestive and Kidney Diseases (U.S.)), 85-12674
- Diabetes mellitus (National Institute of Arthritis, Metabolism, and Digestive Diseases), 85-12674
- Diagram booklet : telephone signal converter CV-1548, multiplexer TD-352, TD-660, TD-754/G, TD-204, radio sets AN/GRC-144 and AN/GRC-143., 85-12315
- DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids, 85-12224
- DIDS procedures manual. Vol. 11, Edit/validation criteria, 85-12225
- DIDS procedures manual. Vol. 13, Materiel management decision rule tables, 85-12226
- DIDS procedures manual. Vol. 14, Reports and statistics, 85-12227
- DIDS procedures manual. Vol. 16, Remote terminal system, 85-12228
- Diet therapy specialist (AFSC 62251) /, 85-12400
- Digestive diseases., 85-12675
- Digital techniques : module 10005., 85-12378
- Direct simulations of chemically reacting turbulent mixing layers, 85-13391
- Direct support and general support maintenance repair parts and special tools list for radio frequency plug-in, Weinschel Engineering Company model 432AP-2 (NSN 4931-01-060-0525), 85-12262
- Direct support and general support maintenance repair parts and special tools list for selected items of secondary transfer standards calibration set AN/GSM-259 (NSN 4931-01-019-1829), 85-12261
- Direct support and general support maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-952-5840, Huber model E1012M, w/sprinkler only, NSN 3895-00-902-8455., 85-12257
- Direct support and general support maintenance repair parts and special tools lists (including depot maintenance repair parts and special tools lists) : compressor, rotary, air, wheel mounted, pneumatic tires, diesel driven, 600 CFM, 100 psi, Ingersoll-Rand model DR-600, nonwinterized, serial numbers 600AR 18604 through 600AR 18838, 600 AR21871 through 600AR 22070 ..., 85-12258
- Directory of certificates of compliance for radioactive materials packages., 85-13703
- Directory of cooperating agencies /, 85-12004
- Directory of field contacts for the coordination of the use of radio frequencies., 85-12125
- Directory of multidisciplinary user facilities partially supported by the National Science Foundation., 85-13471
- Directory of participants handling egg-type and meat-type chickens and turkeys, 85-12006
- Directory of participants handling waterfowl, exhibition poultry, and game birds, 85-12006
- Directory of professional workers in state agricultural experiment stations and other cooperating state institutions., 85-11875
- Directory of veterans organizations., 85-13650
- Directory of veterans organizations and state departments of veterans affairs, 85-13650
- Directory, professional workers in state agricultural experiment stations and other cooperating state institutions, 85-11875
- Disaster preparedness specialist (AFSC 24250) /, 85-12384
- Discriminatory taxation on pipelines : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on S. 2932 ... September 28, 1984., 85-13795
- Disposal of usable equipment : hearings before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, June 21 and July 25, 1984., 85-13786
- Distribution of psychiatric beds, United States and each state, 1982 /, 85-12712
- Documentation and preliminary validation of H20TRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905
- Documentation guide, 85-13564
- DOD's sophisticated munitions : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984., 85-13867
- Dolly Sods Wilderness and Scenic Area, Monongahela National Forest, West Virginia /, 85-11885
- Dominican Republic., 85-13506, 85-13507
- Draft air quality analysis for the combined hydrocarbon EIS, eastern and south-central Utah — Sunnyside STSA /, 85-12730

Draft environmental impact statement on the Circle Cliffs combined hydrocarbon lease conversion /, 85-12727

Draft environmental statement related to the operation of Beaver Valley Power Station, Unit 2, docket no. 50-412 : Duquesne Light Company, et al., 85-13715

Drawback : a duty refund on certain exports., 85-13556

Drive-to-tree, rubber-tired feller buncher production studies /, 85-11944

Drunk driving public information program strategies and planning guide., 85-13635

DS and GS maintenance manual : radar set AN/MPQ-51 (XO-1) (Improved Hawk Air Defense Guided Missile System), 85-12260

A durability study of pericardial bioprostheses., 85-13238

Dye laser traveling wave amplifier, 85-13408

Dynamic model of the Earth's upper atmosphere /, 85-13142

Dynamic stress analysis of smooth and notched fiber composite flexural specimens., 85-13065

The Dynamics and control of large flexible space structures-VI, 85-13363

## E

Early postfire vegetation in a western Montana Douglas-fir forest /, 85-11894

Early warning and crop condition assessment., 85-13418

Earn Army pay and benefits as a civilian., 85-12306

Earthquake hazard studies in New York State and adjacent areas /, 85-13721

Eastern Asia., 85-13508

Eastern Pacific Tuna Licensing Act of 1984., 85-12574

Ebey's Landing National Historical Reserve : the land, the people, the place : an introduction to the inventory., 85-12942

Economic development : hearings before the Task Force on Economic Policy and Productivity of the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, October 23 and 26, 1984, Janesville and Racine, WI., 85-13792

Economic outlook /, 85-13760

Economic outlook (Knoxville, Tenn.), 85-13760

Economic report of the President, 85-13681

Economic report of the President to the Congress., 85-13496

Economic report of the President transmitted to the Congress, 85-13496, 85-13681

ECUT, energy conversion and utilization technologies program, 85-13235, 85-13338

Edge analyzing properties of center/surround response functions in cybernetic vision., 85-13094

Edit/validation criteria, 85-12225

Education Amendments of 1984., 85-12590

Educational technology in voc ed /, 85-12435

EEO : USPS' commitment towards fulfillment of career goals = EEO : el compromiso del Servicio Postal para cumplir los objetivos profesionales : equal employment opportunity in the United States Postal Service., 85-13476

Effect of boattail geometry on the aerodynamics of parallel baffles in ducts., 85-13113

Effect of substrate chemical pretreatment on the tribological properties of graphite films., 85-13047

Effect of vortex generators on the power conversion performance and structural dynamic loads of the Mod-2 wind turbine., 85-13062

Effects of chemical releases by the STS-3 orbiter on the ionosphere., 85-13171

The effects of federal income tax policy on U.S. agriculture : a study /, 85-13809

Effects of land-use conversion on water runoff and soil erosion., 85-11967

Effects of sewage sludge on corn silage and animal products /, 85-12488

The effects of solar incidence angle over digital processing of LANDSAT data., 85-13371

Effects of spacecraft reflections on RF interferometer position location accuracy., 85-13413

Effects of surface chemistry on hot corrosion life., 85-13398

Effects of tracked vehicle activity on higher vertebrate populations at Army installations /, 85-12329

Effects of voltage control in utility interactive dispersed storage and generation systems., 85-13318

Effects of weather and physiographic conditions on temperature and humidity in subalpine watersheds of the Fraser Experimental Forest /, 85-11904

Efficiency of nonstandard and high contact ratio involute spur gears., 85-13081

An efficient approximate factorization implicit scheme for the equations of gasdynamics., 85-13110

Electronic warfare systems specialist (AFSC 32853) /, 85-12391

Electrostatic augmentation of fabric filtration : reverse-air pilot unit experience /, 85-12512

Elliptical orbit performance computer program., 85-13148

Embedded cavity drag in steady and unsteady flows., 85-13192

The Embedded operating system project., 85-13239

Emergency programs : READEO : Regional Emergency Animal Disease Eradication Organization., 85-12005

Emergency room manual., 85-13646

Empirical estimates of amenity forest values : a comparative review /, 85-11941

Empirical yields of timber and forest biomass in the Southeast /, 85-11907

Employment opportunities for educators overseas., 85-12140

Energy, 85-12560

Energy and water development appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session., 85-13774

Engineering., 85-13483

Engineering—geologic maps of northern Alaska, Lookout Ridge quadrangle, 85-12809

English Channel-North Sea, Dover to Orford Ness and Cap Gris-Nez to Hoek Van Holland /, 85-12176

Enhanced coal technology : hearing before the Subcommittee on Energy and Mineral Resources of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, first session, on enhanced coal technology : coal's market for the eighties, August 9, 1983., 85-13823

Environmental, health, and safety assessment of photovoltaics., 85-13327

Environmental research and development : a cooperative approach as demonstrated by the Tennessee Valley Authority., 85-13761

Environmental support specialist (AFSC 56651) /, 85-12399

EPA method study 16, method 606, phthalate esters /, 85-12502

Equal employment opportunity statistics., 85-13487

Equipment improvement report and maintenance digest : DRAGON Medium Anti-tank/Assault Weapon System, (second quarter, CY 1984), 85-12291

Equipment improvement report and maintenance digest : HAWK Air Defense Guided Missile System and HAWK battery terminal equipment, (second quarter, CY 1984), 85-12290

Equipment improvement report and maintenance digest : Multiple Launch Rocket System, second quarter, CY 1984., 85-12294

Equipment improvement report and maintenance digest : (Nike-Hercules and Improved Nike-Hercules Air Defense Guided Missile System), second quarter, CY 1984., 85-12289

Equipment improvement report and maintenance digest (US Army Tank-Automobile Command) : commercial automotive

- equipment (Jan thru June - 1st half CY 84), 85-12292
- Equipment improvement report and maintenance digest (US Army Tank-Automotive Command) material handling equipment (Jan thru June - 1st half CY 84), 85-12293
- Error latency estimation using functional fault modeling, 85-13230
- Eruptions of Mount St. Helens : past, present, and future /, 85-12735
- Esmeralda-Southern Nye planning area : wilderness technical report., 85-12957
- ESSA, 85-12099
- Essays on strategy : selections from the 1983 Joint Chiefs of Staff essay competition., 85-12222
- Estimation of the weight and consumer price of late model vehicle components relating to the implementation of Federal motor vehicle standards 108, 202, 204, and 214 /, 85-13629
- Estimators and characteristics of logging residue in Montana /, 85-11903
- Europe., 85-13509
- Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157
- Evaluation of environmental factors affecting yields of major dissolved ions of streams in the United States /, 85-12741
- Evaluation of gas-cooled pressurized phosphoric acid fuel cells for electric utility power generation, 85-13160
- Evaluation of HIMAT aircraft landing approach lateral control gearing using simulation and a visual display, 85-13085
- An Evaluation of methods to investigate truck tire wet traction /, 85-13634
- Evaluation of natural- and forced-draft staging air systems for nitric oxide reduction in refinery process heaters /, 85-12510
- Evaluation of radiometric and geometric characteristics of LANDSAT-D imaging system, 85-13386
- Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies, 85-13242, 85-13420
- An Evaluation of the ability of Navy hospital corpsmen to collect chest pain data from patients /, 85-12343
- An evaluation of the directed flow graph methodology, 85-13269
- Evaluation of the HARDMAN comparability methodology for manpower, personnel, and training, 85-13321
- Evaluation of thermal data for geologic applications, 85-13234
- Evaluation of two polyimides and of an improved liner retention design for self-lubricating bushings, 85-13076
- Evaluation of water hammer occurrence in nuclear power plants : technical findings relevant to Unresolved Safety Issue A-1 /, 85-13709
- Environmental assessment and overview of biotechnology process applications /, 85-12511
- Examination of the financial statements of the Export-Import Bank of the United States for the fiscal year ended September 30, 1983 : report to the Congress of the United States /, 85-12533
- Excerpt, (general information) from (Your guide to) federal firearms regulation., 85-13584
- Exercise and your heart /, 85-12655
- Expanding knowledge in criminal justice : publications of the National Institute of Justice, cumulative supplement 1978-1982 /, 85-13004
- An experimental and theoretical investigation of deposition patterns from an agricultural airplane /, 85-13463
- An experimental investigation of gas jets in confined swirling air flow /, 85-13141
- Experiments in control of flexible structures with noncollocated sensors and actuators, 85-13423
- Exploring parenting /, 85-12720
- Export opportunities : an untapped resource for small business : hearing before the Subcommittee on Export Opportunities and Special Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Dallas TX, July 10, 1984., 85-13928
- Extramural research and training programs of the National Institute of Environmental Health Sciences., 85-12681

## F

- F-14 modeling study, 85-13199
- F-100 jet engine mechanic (AFSC 42654) /, 85-12398
- FAA directory /, 85-13617
- Fabrication development for ODS-superalloy, air-cooled turbine blades, 85-13393
- Facilities for meteorological research at the NASA Goddard/Wallops Flight Facility, 85-13083
- Fact book of U.S. agriculture., 85-11854
- Fact book of US agriculture, 85-11854
- Fact sheet for the Survey of Income and Program Participation., 85-12018
- Factor analysis of the chemistry of Spanish moss /, 85-12743
- Factors affecting supply, demand, and prices of U.S. rice /, 85-12000
- Factors critical to the implementation of self-paced instruction : a background review /, 85-12411
- Factors that affect the fatigue strength of power transmission shafting and their impact on design, 85-13048
- Fair Reduction in Force Practices Act of 1984 : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6080 ... September 13, 1984., 85-13912
- Family planning., 85-12552
- Family planning grantees & clinics, 85-12687
- Family planning grantees, delegates & clinics., 85-12687
- Farm production expenditures /, 85-11977
- Farm production expenditures for ..., 85-11977
- Farmer cooperative publications /, 85-12010
- Fast decoding of a d(min) = 6 RS code, 85-13283
- "Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes", 85-13281
- FCC annual report, 85-12124
- Feasibility of ultrasonic and other methods for direct measurement of condenser bio-fouling /, 85-12506
- Feasibility study to conduct windblown sediment experiments aboard a space station, 85-13454
- Federal acquisition regulations system, 85-12568
- Federal agencies' audit resolution procedures : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 8, 1984., 85-13865
- Federal-Aid Highway Act of 1982 : report of the Committee on Environment and Public Works, United States Senate, together with additional views to accompany S. 2527., 85-13671
- Federal assistance to states to prevent the abuse of children in child care facilities : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 521 ... S. 1924 ... April 11 and September 18, 1984., 85-13897
- Federal Aviation Administration directory, 85-13617
- Federal aviation regulations. Part 39, Airworthiness directives., 85-13613, 85-13614
- Federal credit programs for agriculture : background for 1985 farm legislation., 85-11873
- Federal drug law enforcement and interdiction : hearing before the Select Committee on Narcotics Abuse and Control, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13911
- Federal efforts to control asbestos hazards : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-

## Federal efforts to control asbestos hazards :

## Title Index

- eighth Congress, second session, September 26, 1984., 85-13831  
 Federal evaluations : a directory /, 85-12537  
 Federal milk order market statistics, 85-11850  
 Federal milk order market statistics. Annual summary /, 85-11850  
 Federal milk order market statistics. Supplement, 85-11850  
 Federal minerals royalty management : an analysis of problem areas related to the management of the federal minerals royalty management program by the Minerals Management Service of the Department of Interior with recommended solutions : a report /, 85-13881  
 Federal organization for technological innovation : hearings before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, June 7, 12, 13, 14, 1984., 85-13923  
 Federal program evaluations, 85-12537  
 The Federal sector /, 85-13493  
 Fertility expectations of American women, 85-12043  
 Fertility of American women., 85-12043  
 Field-aligned electron density irregularities near 500 KM - equator to polar cap top-side sounder Z mode observations, 85-13118  
 Fifth quarterly report on "Spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13437  
 The fiftieth anniversary of the U.S. Department of Justice building, 1934-1984 /, 85-12985  
 Final environmental statement related to the operation of Millstone Nuclear Power Station, Unit no. 3 : docket no. 50-423, Northeast Nuclear Energy Company, et al., 85-13714  
 Final report, 85-13687  
 Final report of the Haitian/English language project /, 85-12450  
 Final report on ESL instruction for adult immigrants from North & Central America /, 85-12449  
 Final report to The National Aeronautics and Space Administration, Langley Research Center on grant NAG-317 entitled an experimental study of the properties of surface pressure fluctuations in strong adverse pressure gradient turbulent boundary layers, 1 December 1982 to 31 January 1984., 85-13441  
 Final report to the Speaker from the House of Representatives Page Board /, 85-13934  
 Final technical report, 85-13387  
 Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAGS-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies', 85-13414  
 Final technical report to National Aeronautics and Space Administration for contract #NAS5-24486, 85-13415  
 Financial assistance to Rockland County, NY, in the Brinks robbery trial : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5763 ... September 19, 1984., 85-13886  
 Financial characteristics of the housing inventory, 85-12045  
 Financial investigative techniques money laundering., 85-12993  
 Fines in sentencing : a study of the use of the fine as a criminal sanction /, 85-13001  
 Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300  
 Fire control technician B 3 & 2., 85-12347  
 Firearms, state laws and published ordinances, 85-13583  
 First United States Army : first in deed., 85-12129  
 Fiscal year 1985 : House/Senate hearings, Committee on Appropriations : Subcommittee on the Treasury, Postal Service, and General Government Appropriations., 85-13558  
 Fiscal year 1985 budget authorization of Immigration and Naturalization Service : hearing before the Subcommittee on Immigration and Refugee Policy of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session ... March 13, 1984., 85-13895  
 Fish meal and oil, annual summary., 85-12105  
 Five southern California oaks : identification and postfire management /, 85-11940  
 Flat-plate solar array project, 85-13347  
 Flood insurance study : city of Florence, Colorado, Fremont County., 85-12528  
 Flood insurance study : city of Liberty, Missouri, Clay County., 85-12529  
 Floods of May 1978 in southeastern Montana and northeastern Wyoming /, 85-12744  
 Floods on Tennessee River and Cypress and Little John Creeks in the vicinity of Calvert City, Kentucky., 85-13762  
 Flowfield measurements in a model scramjet combustor using laser-induced iodine fluorescence, 85-13433  
 Flutter and forced response of mistuned rotors using standing wave analysis, 85-13261  
 A followup study of mothers exposed to diethylstilbestrol in pregnancy /, 85-12670  
 Food aid in Africa : lessons of 1984, prospects for 1985 : joint hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations and the Subcommittee on Foreign Agricultural Policy of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, ninety-eighth Congress, second session, September 19, 1984., 85-13862  
 Food consumption, prices, and expenditures /, 85-11852  
 Food for peace, annual report on Public Law 480., 85-11878  
 Food service data feedback program., 85-12252  
 For parents only : what you need to know about marijuana., 85-12713  
 Foreign currencies held by the U.S. government, 85-13582  
 Foreign relations of the United States /, 85-13515  
 Forensics : when science bears witness., 85-12988  
 Forest fire news /, 85-11888  
 Forest research in the Southeast : recent publications of the Southeastern Forest Experiment Station /, 85-11891  
 Forest Service research accomplishments, 85-11946  
 Forest statistics for the northern coastal plain of North Carolina, 1984 /, 85-11933  
 Forestry/fisheries., 85-13484  
 Fort Riley : its historic past., 85-12233  
 Fossils., 85-12546  
 Fourth quarterly report on "spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13383  
 Fourwing saltbush establishment in the Keating Uniform Shrub Garden : first year results /, 85-11922  
 The Free Market Copyright Royalty Act of 1983 : hearing before the Subcommittee on Patents, Copyrights, and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 1270 ... March 13, 1984., 85-13894  
 The Freedom of Information Act for attorneys and access professionals., 85-13008  
 The Freedom of Information Act for attorneys and access professionals. Book II., 85-13009  
 The Freedom of Information Reform Act : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on S. 774 ... May 24, 30; June 20; and August 9, 1984., 85-13870  
 Fuel tax credits., 85-13566

Full scale phosphoric acid-fuel cell stack technology development, 85-13394

A Fundamental approach to the sticking of insect residues to aircraft wings, 85-13310

Furrow dike water conservation practices in the Texas High Plains /, 85-11853

Future of independent marketers in the post-merger petroleum marketplace : joint hearing before the Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business and the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, April 11, 1984., 85-13931

## G

Galactic heavy-ion shielding using electrostatic fields /, 85-13127

The Gambia, post report., 85-13532

GAO analysis of the 1981 AFDC reductions : hearing before the Subcommittee on Public Assistance and Unemployment Compensation of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, May 2, 1984., 85-13944

Gas hydrates on continental margins of the United States based on occurrence of bottom simulating reflectors on marine seismic records, 85-12820

General aviation aircraft interior noise problem, 85-13357

General explanation of the revenue provisions of the Deficit Reduction Act of 1984 : (H.R. 4170, 98th Congress; Public Law 98-369) /, 85-13935

General management plan : Hampton National Historic Site., 85-12943

General Services Administration management initiatives to increase competition within the federal supply schedule : hearing before a subcommittee on the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 9, 1984., 85-13871

Geneva and beyond : new arms control negotiations : January 14, 1984., 85-13522

The genus *Brachycentrus* in North America, with a proposed phylogeny of the genera of *Brachycentridae* (Trichoptera) /, 85-13546

Geochemical sample locality map for the White Cloud-Boulder roadless area, Custer County, Idaho, 85-12808

Geographic profile of employment and unemployment /, 85-13012

Geohydrology of the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming : High Plains RASA Project /, 85-12747

Geologic map and coal sections of the Pine Ridge quadrangle, Moffat County, Colorado, 85-12817

Geologic map and sections of the southwestern Kenai Peninsula west of the Port Graham Fault, Alaska, 85-12830

Geologic map of Dinosaur National Monument and vicinity, Utah and Colorado /, 85-12888

Geologic map of the Beaver Lake Mountains quadrangle, Millard and Beaver counties, Utah /, 85-12893

Geologic map of the Frisco Peak quadrangle, Millard and Beaver counties, Utah /, 85-12894

Geologic map of the Lynndyl 30 x 60 minute quadrangle, Tooele, Juab, Utah, and Millard Counties, Utah, 85-12841

Geologic map of the outcrop area of the Hornbrook formation, Oregon and California, 85-12814

Geologic map of the Pole Canyon quadrangle, Harney County, Oregon, 85-12811

Geologic map of the Red Mountains quadrangle, Harney County, Oregon, 85-12810

Geology, geochemistry, and mineral resource potential of the Eighteenmile Wilderness study area p (ID-43-3), Lemhi County, Idaho, 85-12834

The Geology of the terrestrial planets /, 85-13134

Georgia Wilderness Act of 1984., 85-12593

Gifford Pinchot National Forest, Washington, 1984 /, 85-11884

Global biology research program: biogeochemical processes in wetlands : report of a workshop conducted at Arlington, Virginia, March 22-24, 1983 /, 85-13457

Global change, 85-13233

A Glossary of historic masonry deterioration problems and preservation treatments /, 85-12944

Going strong! : women in defense., 85-12132

'Golden' chinquapin., 85-11859

A Good place for a BSN to start : the Army Medical Team., 85-12299

Governor's checklist for emergency and major-disaster declarations., 85-12527

Graduate study in education : an analysis of institutions and degree awards, 1971 to 1981 /, 85-12465

Great Lakes hydrometeorologic and hydraulic data needs : report to the International Joint Commission /, 85-13702

Great Lakes water levels., 85-12110

Great Lakes water levels (Annual), 85-12110

Great Plains coal gasification project : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, October 18, 1983., 85-13866

Greenland-west coast, Nordra StrOmford to Egedesminde /, 85-12180

Ground vibration test of F-16 airplane with initial decoupler pylon /, 85-13125

Ground-water monitoring at Santa Barbara, California : phase 2-effects of pumping on water levels and on water quality in the Santa Barbara Ground-water basin /, 85-12738

Groundwater monitoring recommendations for oil shale development /, 85-12500

Growing food in containers in the Tropics /, 85-11969

Growth, thinning treatments, and soil properties in a 10-year-old cottonwood plantation on a clay site /, 85-11927

A guide to culture in the classroom /, 85-12444

A Guide to the Federal Trade Commission., 85-12532

A Guide to the Forest Service Appeal Regulation (36 CFR 211.18), 85-11889

A Guide to the National Institute of Neurological and Communicative Disorders and Stroke, September 30, 1984., 85-12679

A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319

Guyana., 85-13510

## H

Hand receipt catalog covering content of : sets, kits, and outfits, components list for shop equipment, canvas and glass shop, shelter mounted (NSN 4940-00-209-6239) (LIN T10038), 85-12267

Hand receipt catalog covering content of sets, kits, and outfits components list : calibration set, secondary transfer standards (augmented), AN/GSM-287, (NSN 6695-01-081-4873), (line item no. Z12223), 85-12268

Handbook for disposal of radioactive waste in accordance with US Army guidelines., 85-12250

Handbook for service attaches accredited to the Department of the Air Force., 85-12374

Handbook for stringers in the Armed Forces /, 85-12141

Handbook of job analysis for reasonable accommodation., 85-13488

Handbook on the Comprehensive Crime Control Act of 1984 and other criminal statutes enacted by the 98th Congress., 85-12989

Handicapped driver waiver program /, 85-13602

"Have fun coloring and learn how to prevent crime too!" : the crime prevention coloring book., 85-12232

Hazardous materials : storage and handling pocketbook., 85-12229

- Hazardous waste sites : descriptions of 244 sites on proposed update #2 to national priorities list, October 1984., 85-12479
- Health and the environment, miscellaneous : hearings before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, first session ...., 85-13827, 85-13828
- Health care costs and their effects on the economy : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth congress, second session, April 12 and August 29, 1984., 85-13806
- Health effects criteria for fresh recreational waters /, 85-12484
- Health information for international travel., 85-12698
- Health maintenance organization amendments of 1984 : report (to accompany S. 2311)., 85-13665
- Health Professions Scholarship Program : the Army Medical Team., 85-12298
- Health Promotion and Disease Prevention Amendments of 1984., 85-12605
- Hearing on H.R. 5256, to authorize the Inspector General of the Department of Defense to take certain extraordinary actions to reform contracts of the Department of Defense, before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, April 26, 1984., 85-13784
- Hearings on immigration reform and agricultural guestworkers : hearings before the Subcommittee on Labor Standards of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearings held in Washington, D.C., on April 11 and May 3, 1984., 85-13813
- Help yourself : tips for teenagers with cancer : user's guide., 85-12663
- Heng Jiao (Livock Reef) to Haima Tan (Rough Shoal) (Seahorse Shoal) /, 85-12211
- Heterogeneous oxidative degradation in irradiated polymers /, 85-13731
- Heuristic methods for the mildly handicapped : research report and manual for teaching language arts and reading., 85-12456
- High precision measurements in crustal dynamic studies, 85-13287
- High resolution bone mineral densitometry with a gamma camera, 85-13086
- High resolution hard x-ray spectra of solar and cosmic sources, 85-13266
- High resolution X- and gamma-ray spectroscopy of solar flares, 85-13210
- High Reynolds number tests of a Boeing BAC I airfoil in the Langley 0.3-meter transonic cryogenic tunnel, 85-13034
- High speed inviscid compressible flow by the finite element method, 85-13262
- High-temperature relative enthalpies of CuBr /, 85-12907
- Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes., 85-13005
- Highway statistics, 85-13593
- Hinge specification for a square-faceted tetrahedral truss, 85-13189
- Hip pocket lesson plans., 85-12234
- Hispanics, a part of America's excellence., 85-13010
- Histoplasmosis and its relation to bird roosts : a review /, 85-12952
- Historical tables, budget of the United States government., 85-13502
- History of agricultural price-support and adjustment programs, 1933-84 : background for 1985 farm legislation., 85-11874
- Hocking Soil and Water Conservation District resources inventory., 85-11956
- Home economics., 85-12551
- How not to blow a job interview., 85-12307
- How to apply National Register criteria to post offices /, 85-12950
- How to obtain aerial photographs., 85-12843
- How to protect yourself against crime., 85-12231
- How to protect yourself against sexual assault., 85-13000
- HP 1000 E-series computer, HP 2109B and HP 2113B installation and service manual., 85-12371
- HRSA significant employment profile highlights., 85-12715
- Human rights in Albania : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, January 25, 1984., 85-13852
- Human Services Reauthorization Act., 85-12608
- Humanities projects in media : guidelines and application instructions., 85-13470
- Hunting : Ridgefield National Wildlife Refuge, Washington., 85-12956
- Hybrid vehicle assessment, 85-13329
- Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792
- Hydrogeology and effects of tailings basins on the hydrology of Sands Plain, Marquette County, Michigan /, 85-12790
- Hydrologic characteristics of Nebraska soils /, 85-12739
- Hydrologic reconnaissance of the Kolob, Alton, and Kaiparowits Plateau coal fields, south-central Utah, 85-12826
- Hydrology of a surface coal mined area in Randolph County, Illinois /, 85-12793

## I

- Iceland-north coast, Horn to Raudinapur /, 85-12181
- Icing rate on stationary structures under marine conditions /, 85-12324
- Ideas in action : the states and small business, San Diego, California, December 5-7, 1984, Office of Advocacy's Sixth National Conference for State and Local Officials and Small Business Initiatives., 85-13540
- Ideas in action—the states and small business : the sixth National Conference for State and Local Officials on Small Business, December 5-7, 1984, San Diego, California., 85-13541
- Identification and assessment of anticipated major changes in control rooms /, 85-13742
- Identification of aerosol composition from multi-wavelength lidar measurements, 85-13240
- Identifying environmental features for land management decisions, 85-13379
- Impact experiments in viscous fluid media, 85-13222
- The Impact of tariff and nontariff barriers on the U.S. sheet vinyl flooring industry : report to the Subcommittee on Trade, Committee on Ways and Means, U.S. House of Representatives, investigation no. 332-179, under section 332(b) of the Tariff Act of 1930, as amended., 85-12981
- The impact of weather on aviation safety : report of the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, U.S. House of Representatives., 85-13917
- The impact resistance of SiC and other mechanical properties of SiC and Si<sub>3</sub>N<sub>4</sub>, 85-13146
- The implementation and use of Ada on distributed systems with high reliability requirements : final report, 85-13444
- Implementation of Circular A-76 : hearings before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 20 and 25, 1984., 85-13913
- Implementation of Helsinki Accord (Washington, D.C. : 1980), 85-13536
- Implementation of Helsinki Final Act /, 85-13536
- Implementation of noise regulation acts at Miami International Airport : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives,

- Ninety-eighth Congress, second session, October 4, 1984., 85-13854
- An implementation of the distributed programming structural synthesis system (PROSSS), 85-13045
- Implementation of the Federal Managers' Financial Integrity Act : first year : report to the Congress /, 85-12536
- An implementation of the programming structural synthesis system (PROSS), 85-13043
- Import quotas on textiles : the welfare effects of United States restrictions on Hong Kong : an economic policy analysis /, 85-12531
- Import relief for U.S. nonrubber footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 22, 1984., 85-13845
- Important farmlands of Graham County, Arizona /, 85-11964
- Importation of solid waste : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session on H.R. 5186 ..., June 25, 1984., 85-13833
- Improved food distribution facilities for central North Carolina., 85-11877
- Improved Standards for Laboratory Animals Act; and enforcement of the Animal Welfare Act by the Animal and Plant Health Inspection Service : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5725, September 19, 1984., 85-13771
- Improvements in the Social Security disability program., 85-12641
- Improving U.S. farmland /, 85-11872
- Improving your navy reading skills /, 85-12345
- The impulsive hard x-rays from solar flares, 85-13452
- Imputed interest rules : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 3, 1984., 85-13837
- In-flight absolute radiometric calibration of the thematic mapper, 85-13382
- In-kind benefits and the nonmetro poor /, 85-12001
- In pursuit of wild geese : teaching creative thinking : Smithsonian approach /, 85-13544
- In situ analysis of corrosive and passive surfaces by laser-excited Raman spectroscopy /, 85-12493
- In-situ measurements of alloy oxidation/corrosion/erosion using a video camera and proximity sensor with microcomputer control, 85-13058
- In the matter of certain single handle faucets : investigation no. 337-TA-167., 85-12982
- Incineration of hazardous wastes at sea : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 12, 1984., 85-13877
- Increase effectiveness of domestic firefighting forces (H.R. 3726); and Congressional Budget Act Amendments of 1984 (H.R. 5247) : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 3726 ... and H.R. 5247 ... July 26, 1984., 85-13869
- Increased duties on certain shelled filberts : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 14, 1984., 85-13846
- Increasing productivity and administrability of the tax code : hearing before the Subcommittee on Oversight of the Internal Revenue Service of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 17, 1984., 85-13840
- Index of releases /, 85-13543
- Index to information., 85-13490
- Index to information (United States. Office of Personnel Management. Library), 85-13490
- Index to reports on private and public bills and resolutions favorably reported by the Committee in the ... Congress showing their status as of the date of final adjournment /, 85-13884
- India-east coast, Bay of Bengal, Palar River to Penner River /, 85-12200
- India, west coast, Tarapur to Bankot /, 85-12199
- Indian Gambling Control Act : hearing before the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4566 ... hearing held in Washington, DC, June 19, 1984., 85-13882
- Indian Ocean, Africa-east coast, Kenya-Tanzania, Dar es Salaam to Mombasa Harbor /, 85-12194
- Indian Ocean, Africa-East Coast, Somalia, g. Raas Garmaal to g. Raas Cabaad., 85-12196
- Indian Ocean, Australia-West Coast, Western Australia, Houtman Abrolhos and adjacent coast /, 85-12205
- Indianapolis, Indiana, metropolitan area, 85-13014
- Indiangrass : warm-season grass : how to identify, establish, and manage Indian-grass., 85-11957
- Individual retirement arrangements (IRA's), 85-13575
- Indonesia, South China Sea, Yongshu Jiao to Yongdeng Ansha /, 85-12210
- Indonesia, Sumatera-east coast, Selat Bangka and Selat Gelasa /, 85-12202
- Indonesia, Sumatera-West Coast, Padang to Bengkulu including Kepulauan Mentawai /, 85-12201
- Industrial gases, 85-12039
- Industry, university, and research institute interest in the U.S. Department of Energy ECUT Biocatalysis Research Activity, 85-13259
- Influence of soft inclusions on the strength of wrought materials, 85-13277
- Influences on secondary and postsecondary vocational-technical student time on task /, 85-12430
- Influenza., 85-12656, 85-12657
- Information and instruction handbook no. VI-A for automatic data processing : definitions and specifications-master files, IMPAC NIH : a computer based information system on the Extramural Programs of NIH., 85-12651
- Information technology R&D : critical trends and issues : summary., 85-13755
- The Infrared spectral analysis of  $CF_3Cl$ , 85-13224
- Initialization of a mesoscale model for April 10, 1979, using alternative data sources /, 85-13140
- Inorganic chemicals, 85-12038
- Input filter compensation for switching regulators, 85-13263
- Installation of fuel flowmeters in small airplanes with continuous-flow, fuel-injection, reciprocating engines., 85-13610
- Instruction manual hygrothermometer (HO83), 85-12101
- Instructions for applying for federal assistance from HDS programs., 85-12719
- Instructions for forecasting decay in table grapes for storage., 85-11968
- An instructor resource guide for teaching a course in health promotion seminar /, 85-12447
- Instructor's guide for introduction to leadership development : a course outline : leadership development 1 /, 85-12245
- Instructor's readings for instructor's guide for applied leadership development, leadership development 3 /, 85-12243
- Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452
- Instrumentation, recording, and processing of meteorological data near Portage, Wisconsin : Wisconsin power plant impact study /, 85-12497
- Integrated application of active controls (IAAC) technology to an advanced subsonic transport project, 85-13138

Intensive care units (ICUs) : clinical outcomes, costs, and decisionmaking /, 85-13751

Interacting boundary-layer solutions for laminar separated flow past airfoils, 85-13195

Interaction of sulfuric acid corrosion and mechanical wear of iron, 85-13075

Interference problems for nongeostationary satellites, 85-13307

Interim design guidelines for automated offices /, 85-12088

Interim reliability evaluation program : analysis of the Calvert Cliffs, unit 1 nuclear power plant /, 85-13729

The Interior budget in brief /, 85-12726

Internal control course., 85-12130

Internal control review report on the municipal wastewater treatment works construction grants program /, 85-12519

International agreement on Social Security between the United States and Norway., 85-12639

International Coffee Agreement, 1983 : message from the President of the United States transmitting the International Coffee Agreement, 1983, signed by the United States on March 23, 1983., 85-13662

International Coffee Agreement, 1983., 85-13662

International copyright relations of the United States., 85-13020

International countertrade : a guide for managers and executives /, 85-12120

Interplanetary mission design handbook, 85-13324

Interrogation after assertion of rights /, 85-12996

Interstate migration of the older veteran population : 1975 to 1980., 85-13651

An Interval logic for higher-level temporal reasoning, 85-13185

Introduction to the Parklawn Computer Center., 85-12685

Inventions available for licensing., 85-11971

Inventory management supervisor (AFSC 64570) /, 85-12401

Inventory of agricultural research /, 85-12002, 85-12003

Investigating infection problems : criterion test., 85-12704

Investigation, development, and evaluation of performance proving for fault-tolerant computers, 85-13150

An investigation into the injection molding of PMR-15 polyimide, 85-13256

An investigation into the probabilistic combination of quasistatic and random accelerations, 85-13038

An investigation of aerodynamic characteristics of wings having vortex flow using different numerical codes, 85-13272

An investigation of chemically-induced improvement in saturation moisture characteristics of epoxies, 85-13099

Investigation of compounds essential for the origin of life, 85-13250

Investigation of dynamic noise affecting geodynamics information in a tethered subsatellite, 85-13264

Investigation of fast initialization of spacecraft bubble memory systems, 85-13103

Investigation of forestry resources and other remote sensing data, 85-13419

Investigation of image enhancement techniques for the development of a self-contained airborne radar navigation system, 85-13151

Investigation of radiometric properties of the LANDSAT-4 multispectral scanner, 85-13376

Investigation of test methods, material properties, and processes for solar cell encapsulants, 85-13336, 85-13341

An investigation of the transient thermal analysis of spur gears, 85-13080

Investment credit., 85-13573

IRS compliance procedures : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, October 3, 1984., 85-13930

Isopach map of Holocene sediment, Outer Continental Shelf between Yakutat Bay and Dry Bay, Eastern Gulf of Alaska, 85-12805

Issue management by school superintendents : final report on grant no. G-80-0152 /, 85-12448

ITC resources catalogue., 85-13645

## J

Jamestown, a beginning., 85-12945

Japan, Honshu-east coast, Shioya Zaki to Ishinomaki Wan., 85-12217

Japan, Honshu-northwest coast and Kyushu north coast, Kammon Kaikyo to Hirado Seto., 85-12219

Japan, Honshu-northwest coast, Noto Hanto and approaches., 85-12215

Japan, Honshu-northwest coast, Tottori Ko to Mikuni Ko., 85-12216

Japan, Honshu-south coast and Nojima Zaki to Omae Zaki., 85-12218

Japanese tax policy : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, September 24, 1984., 85-13807

Jobs and research credits., 85-13577

Joint airdrop inspection records, malfunction investigations, and activity reporting : operations., 85-12369

Joint Resolution Designating the Month of November 1984 as "National Christmas Seal Month.", 85-12577

Joint Resolution Designating the week beginning on October 7, 1984, as "Mental Illness Awareness Week.", 85-12575

Joint Resolution Providing for the Reappointment of A. Leon Higginbotham, Junior, as a Citizen Regent of the Smithsonian Institution., 85-12600

Joint Resolution to Designate the Week Beginning May 20, 1985, as "National Medical Transcriptionist Week.", 85-12631

Joint Resolution to Make Technical Corrections in the Act of January 12, 1983 (Public Law 97-459)., 85-12630

Joint session of Congress : message from the President of the United States transmitting his Central America policy., 85-13676

Justice expenditure and employment in the United States, 1971-79., 85-13007

## K

K-band latching switches., 85-13158

Kaleidoscopes : emerging patterns of response and action in ECIA case studies of Chapter 2 in selected states /, 85-12471

Kidney & urinary tract diseases and treatment /, 85-12676

Kinematic analysis of Hurricane Frederick (1979) using satellite, aircraft and rawinsonde data, 85-13451

The kinematic stirling engine as an energy conversion subsystem for paraboloidal dish solar thermal power plants, 85-13313

A kinetic energy study of the meso B-scale storm environment during AVESESAME V (20-21 May 1979) /, 85-13139

## L

Labor-management relations and employee health and safety at the General Dynamics Corp. : joint hearing before the Subcommittee on Labor-Management Relations and the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 20, 1984., 85-13815

Laboratory measurements of parameters affecting wet deposition of methyl iodide /, 85-13745

The Lanczos-preconditioned, folded skin (sin x)/x interpolator, 85-12832

Land and resource management plan : draft environmental impact statement : Medicine Bow National Forest and Thunder Basin National Grassland., 85-11947

Land management programs for agriculture in southwest Georgia /, 85-11996

Land mobile satellite service (LMSS) channel simulator, 85-13332

- Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy Counties, Texas /, 85-12953
- Land-surface influences on weather and climate, 85-13271
- Land use inventory of Salt Lake County, Utah from color infrared aerial photography, 1982, 85-13378
- Landsat-D investigations in snow hydrology, 85-13368
- LANDSAT-D thematic mapper image dimensionality reduction and geometric correction accuracy, 85-13374
- LANDSAT 4 band 6 data evaluation, 85-13365, 85-13375
- LANDSAT 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C), 85-13380
- LANDSAT 4 program, 85-13366
- LANDSAT-4 thematic mapper modulation transfer function (MTF) evaluation, 85-13377
- Landscape study and management alternatives for revegetation : Whitman Mission National Historic Site /, 85-12948
- Language arts, 85-12133
- Large-scale interplanetary magnetic fields, 85-13116
- Las Cruces District wilderness final environmental assessment, 85-12965
- Laser-assisted solar cell metallization processing, 85-13348, 85-13349
- Laser-initiated combustion studies on metallic alloys in pressurized oxygen /, 85-12089
- Law enforcement, 85-12543
- Leaching and selected hydraulic properties of processed oil shales /, 85-12480
- Lead salt diode lasers and development of tunable solid state lasers for remote sensing, 85-13356
- Leadership education I /, 85-12381
- Legal services : status of forces policies, procedures, and information, 85-12251
- Legal services technician (AFSC 70570) /, 85-12403, 85-12404
- The legal system, the U.S. Forest Service, and human-caused wild fires /, 85-11898
- Legislative and review activities of the Committee on Interior and Insular Affairs of the House of Representatives, 85-13691
- Legislative branch appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5753 ...., 85-13779
- Lessons learned in utility management and the status of the R&D program following the accident at Three Mile Island : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13922
- Levantamento da frequência de cobertura de nuvens em dados do LANDSAT no período de 1973 a 1981, 85-13384
- Liberia, post report., 85-13533
- Libraries and library collections., 85-12547
- Library data base guide., 85-12991
- Library Services handbook., 85-12990
- License plates /, 85-13601
- Light list /, 85-13621
- List of applicable publications (LOAP) for Lance Field Artillery Missile System., 85-12259
- List of chemical compounds authorized for use under USDA inspection and grading programs, 85-11855
- List of plants operating under USDA poultry and egg grading and egg products inspection programs /, 85-11973
- List of plants operating under USDA poultry and egg inspection and grading programs, 85-11973
- List of proprietary substances and nonfood compounds authorized for use under USDA inspection and grading programs /, 85-11855
- List of publications /, 85-11934, 85-13757
- List of publications (United States Congress. Office of Technology Assessment), 85-13757
- List of published soil surveys., 85-11961
- List of storage and outloading drawings for ammunition., 85-12272
- Load-testing vehicles used to handle missiles and rockets, medium wrecker M62, medium wrecker truck M543 series, and M816, and wrecker-truck tractor M246 series, and M819., 85-12275
- Local effects of partly-cloudy skies on solar and emitted radiations, 85-13218
- Lodgepole pine dwarf mistletoe /, 85-11890
- Logistics plans specialist (AFSC 66150) /, 85-12402
- "Long range coherence in free electron lasers", 85-13285
- Long-term farm policy to succeed the Agriculture and Food Act of 1981 : hearings before the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session., 85-13767
- Longevity and the lifestyle of the older individual : hearing before the Subcommittee on Aging of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 27, 1984., 85-13901
- Longrun changes in world food supply and demand : implications for development assistance policy /, 85-11987
- Loran-C secondary phase correction table : central Pacific /, 85-12160
- Low-cost single-crystal turbine blades /, 85-13156
- Low-frequency switching voltage regulators for terrestrial photovoltaic systems, 85-13050
- Lower mantle heterogeneity, dynamic topography and the geoid, 85-13284
- Lower Mississippi River regional barge fleet assessment, plan, and handbook guide /, 85-13641
- Lower Mississippi River regional barge fleet assessment, plan, and handbook guide : executive summary /, 85-13640
- Lubricant jet flow phenomena in spur and helical gears with modified center distances and/or addendums, 85-13079
- Lumber production and mill stocks, 85-12037
- Lumber recovery from insect-killed lodgepole pine in the northern Rocky Mountains /, 85-11902

## M

- Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 /, 85-12734
- The magnetic petrology of the deep crust and the interpretation of regional magnetic anomalies, 85-13439
- Magnetic properties of Martian surface material, 85-13243
- Magnetic resonance imaging /, 85-12650
- Magnetic tape reporting for Form 941, Employers quarterly federal tax return., 85-13581
- Magnetohydrodynamics and the National Coal Science, Technology, and Engineering Development Acts : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 1278 ... S. 1925 ... April 9, 1984., 85-13819
- Maintenance scheduling specialist (AFSC 39250) /, 85-12394
- Major tax reform options : hearings before the Committee on Finance, United States Senate, Ninety-eighth Congress, second session., 85-13838
- Major uses of land in the United States : preliminary estimates for 1982 /, 85-11998
- Making good boys better : nonformal education in Boy Scouts /, 85-12464
- Mammals and reptiles., 85-12541
- Management and organizational technologies of Chinese rural youth programs : a scientific exchange of rural youth programs between the U.S.A. and the People's Republic of China., 85-11954
- Management information., 85-12113
- Management of CAD/CAM information, 85-13124
- The management of research institutions : a look at government laboratories /, 85-13135

- Management skills for infection control nurses, March 4-15, 1985, Centers for Disease Control, Atlanta, Georgia., 85-12697
- Manned geosynchronous mission requirements and systems analysis study extension, 85-13253
- Manual of regulations and procedures for federal radio frequency management : revisions for September 1984., 85-12114
- Manufacture of DPFC-DMS polymer in the SKG range, 85-13455
- Manufacturing in space : fluid dynamics numerical analysis, 85-13435
- Map of marine geology of Upper Muir and Wachusett Inlets, Glacier Bay, Alaska : sediment distribution and thickness, bathymetry, and interpreted seismic profiles, 85-12840
- Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Southern California /, 85-12764, 85-12776
- Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon /, 85-12780
- Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico /, 85-12772
- Map showing outcrops of granitic rocks, ash-flow tuff, and laharic breccia, basin and range province, Idaho /, 85-12767
- Map showing outcrops of granitic rocks, basin and range province, Arizona /, 85-12753
- Map showing outcrops of pre-quaternary ash-flow tuffs and volcanoclastic rocks, basin and range province, Arizona /, 85-12755
- Map showing outcrops of pre-quaternary ash-flow tuffs, basin and range province, Southern California /, 85-12763
- Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, Arizona /, 85-12756
- Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, New Mexico /, 85-12774
- Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Arizona /, 85-12754, 85-12762, 85-12768, 85-12787
- Map showing outcrops of thick, dominantly argillaceous sedimentary rocks, basin and range province, New Mexico /, 85-12773
- Map showing selected surface-water data for the Huntington 30 x 60-minute quadrangle, Utah /, 85-12892
- Map showing selected surface-water data for the Manti 30 x 60-minute quadrangle, Utah /, 85-12889
- Map showing selected surface-water data for the Nephi 30 x 60-minute quadrangle, Utah /, 85-12890
- Map showing selected surface-water data for the Price 30 x 60-minute quadrangle, Utah /, 85-12891
- Map showing the distribution and abundance of boron and beryllium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12796
- Map showing the distribution and abundance of cobalt in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12798
- Map showing the distribution and abundance of copper in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12797
- Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12795
- Map showing the distribution and abundance of lead in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12801
- Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12799
- Map showing the distribution and abundance of nickel and chromium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12800
- Map showing the distribution and abundance of scandium and yttrium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12802
- Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12803
- Map showing the distribution and abundance of zinc in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12804
- Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752, 85-12758, 85-12761, 85-12766, 85-12771, 85-12779, 85-12783, 85-12786
- Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona /, 85-12751
- Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Nevada /, 85-12775
- Maps showing ground-water levels, springs, and depth to ground water, basin and range province, New Mexico /, 85-12770
- Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Oregon /, 85-12778
- Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Southern California /, 85-12760
- Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Texas /, 85-12782
- Maps showing ground-water levels, springs, and depth to ground waters, basin and range province, Utah /, 85-12785
- Maps showing ground-water units and number of large capacity wells basin and range province, Oregon /, 85-12777
- Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750
- Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769
- Maps showing ground-water units and withdrawal, basin and range province, Southern California /, 85-12759
- Maps showing ground-water units and withdrawal, basin and range province, Texas /, 85-12781
- Maps showing ground-water units and withdrawal, basin and range province, Utah /, 85-12784
- Maps showing ground-water units and withdrawal, ground-water levels, springs, and depth to ground waters, basin and range province, Northern California /, 85-12757
- Maps showing ground-water units, ground-water levels, springs, and depth to ground waters, basin and range province, Idaho /, 85-12765
- Maps showing natural aggregates of the conterminous United States, 85-12819
- Marine casualty report : SS Marine Electric, O.N. 245675, capsizing and sinking in the Atlantic Ocean on 12 February 1983 with multiple loss of life : U.S. Coast Guard Marine Board of Investigation report and Commandant's action., 85-13623
- Marine recreational fishery statistics survey. Pacific coast., 85-12106, 85-12107
- Marine Sanctuaries Amendments of 1984., 85-12580
- Maritime programs improvements of the Departments of Transportation and Commerce., 85-12622
- Maritime redevelopment : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on Maritime policy and regional economic development—Part 2, January 18, 1984, New Orleans, LA; ... April 30,

- 1984, New York, NY; Maritime Redevelopment Bank Act (H.R. 3399), June 20 and August 8, 1984, Washington, DC, November 9, 1984, Oakland CA., 85-13909
- Maritime Subsidy Board, Maritime Administration, Department of Commerce reports, 85-12094
- Market expansion for U.S.-produced wine : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 24, 1984., 85-13942
- The market for wheelchairs : innovations and federal policy /, 85-13753
- Marketing operations of dairy cooperatives /, 85-12009
- Martian surface properties, 85-13223
- Materials for advanced turbine engines (MATE) : Project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner /, 85-13399, 85-13400
- Materials licensing study : phase 1., 85-13724
- Materials Processing in Space Workshop minutes, October 27-28, 1982, 85-13246
- Materiel fielding agreement : M1 Abrams tank system between III Corps and Ft Hood and program manager M1 Abrams tank system., 85-12238
- Materiel management decision rule tables, 85-12226
- Mathematics learning styles of Chinese immigrant students : final research report /, 85-12445
- MDB-to-car side impact test of a 19 crabbed moving deformable barrier to a 1976 Volkswagen Rabbit at 34.3 MPH /, 85-13630, 85-13631
- Measurement of local convective heat transfer coefficients of four ice accretion shapes, 85-13397
- Measurement of transmission loss characteristics using acoustic intensity techniques at the KU-FRL acoustic test facility, 85-13216
- Measures and metrics for software development, 85-13091
- Measuring agricultural productivity : a new look /, 85-11992
- Meat, Poultry, and Egg Products Inspection Amendments of 1983; exempt restaurant central kitchens from federal inspection requirements; and USDA's five-point program of inspection in livestock and poultry slaughter plants : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 2691 and H.R. 5223, May 17, 1984., 85-13770
- The mechanics of delamination in fiber-reinforced composite materials, 85-13188
- Mechanized red pine tree planting operation : a time study /, 85-11917
- Media arts, film/radio/television., 85-13469
- Medical care cost recovery : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4666 ... March 7, 1984., 85-13889
- Medical research and its impact on the nation's health and economy : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13781
- The Medical Service Corps : the Army Medical Team., 85-12301
- Medical specialist., 85-12269
- Medicine Bow National Forest and Thunder Basin National Grassland : land and resource management plan (proposed)., 85-11948
- Mediterranean, Adriatic Sea, Yugoslavia, Otok Brac to Dubrovnik /, 85-12192
- Mediterranean Sea, Adriatic, Italy-east coast, Brindisi to Promontorio Del Gargano /, 85-12191
- Mediterranean Sea, Italy-France, Sardegna (Sardinia), northern part /, 85-12190
- Mediterranean Sea, Italy-west coast, Capo Tirone to Punta Caronia /, 85-12189
- Mediterranean Sea, Italy-west coast, Civitavecchia to Isola di Ponza /, 85-12188
- Mediterranean Sea, Libya-Gulf of Sidra, Ra's AlUwayja' to Ra's Tawinis /, 85-12193
- Mediterranean Sea, Spain-southeast coast, Cartagena to Cabo de San Antonio /, 85-12187
- The medium-term outlook for the world economy : November 22, 1984., 85-13520
- Memorial addresses and other tributes in the Congress of the United States on the life and contributions of Milton R. Young, Ninety-eighth Congress, first session /, 85-13661
- Message preparation ACP 127 ( ) tape format : workbook., 85-12316
- Meteorological technician (AFSC 25170)., 85-12406
- Method 16A for determination of total reduced sulfur emissions : summary of comments and responses., 85-12522
- Methods for determining the mechanical integrity of class II injection wells /, 85-12491
- Methods of effective transfer and implementation of highway maintenance technology., 85-13594
- Microcomputers in elementary and secondary education : a guide to the resources /, 85-12461
- Microgravity : a new tool for basic and applied research in space /, 85-13132
- Microhistological techniques for food habits analyses /, 85-11910
- MicroSIFT courseware evaluations /, 85-12462
- Microwave remote sensing of snow, 85-13373
- The mid-Cretaceous frontier formation near the Moxa arch, southwestern Wyoming /, 85-12745
- Middle Atmosphere Program : handbook for MAP., 85-13131
- The Middle East., 85-13511, 85-13512
- The militarily critical technologies list., 85-12131
- Military construction appropriations for 1986 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-ninth Congress, first session /, 85-13773
- Military justice., 85-12367
- Military police : military working dogs., 85-12253
- Military skills., 85-12368
- Milk Producers Prompt Payment Act of 1984 : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5037, July 26, 1984., 85-13772
- Millimeter wave transmission systems and related devices, 85-13245
- Mineral industry of Argentina, 85-12913
- Mineral industry of Australia, 85-12914
- Mineral industry of Austria, 85-12915
- Mineral industry of Brazil, 85-12916
- Mineral industry of Canada, 85-12917
- Mineral industry of Chile, 85-12918
- Mineral industry of China, 85-12919
- Mineral industry of Denmark and Greenland, 85-12920
- Mineral industry of Finland, 85-12921
- Mineral industry of France, 85-12922
- Mineral industry of Hungary, 85-12925
- Mineral industry of India, 85-12926
- Mineral industry of Ireland, 85-12908
- Mineral industry of Japan, 85-12927
- Mineral industry of Malaysia, 85-12929
- Mineral industry of Mexico, 85-12930
- Mineral industry of New Hampshire, 85-12931
- Mineral industry of New Zealand, 85-12932
- Mineral industry of other central African countries, 85-12911
- Mineral industry of other east African countries, 85-12910
- Mineral industry of other west African countries, 85-12912
- Mineral industry of Peru, 85-12933
- Mineral industry of Romania, 85-12935
- Mineral industry of Saudi Arabia, 85-12936
- Mineral industry of Spain, 85-12937

Do not order from index; see indicated entry

Page I-381

Mineral industry of Sweden, 85-12938  
 Mineral industry of Thailand, 85-12939  
 Mineral industry of the Federal Republic of Germany, 85-12923  
 Mineral industry of the German Democratic Republic., 85-12924  
 Mineral industry of the Philippines, 85-12934  
 Mineral industry of the Republic of Korea, 85-12928  
 Mineral industry of Turkey, 85-12940  
 Mineral resource potential of the Silver City 1<sup>st</sup> 2<sup>nd</sup> quadrangle, New Mexico-Arizona, 85-12839  
 Mineral resources of the United States, 85-12909  
 Mineralogic and petrologic studies of meteorites and lunar samples, 85-13424  
 Minerals in the world economy, 85-12941  
 Minerals yearbook /, 85-12909  
 Miniature acid-condensation system : design and operation /, 85-12498  
 Miscellaneous tariff and trade bills : hearings and written comments before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, first and second sessions, November 15, 1983 and June 21, 1984., 85-13939  
 Misconceptions about U.S. policy toward Nicaragua /, 85-13516  
 Mississippi National Forest Wilderness Act of 1984, 85-12594  
 Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires /, 85-13462  
 MLS/airplane system design, 85-13200  
 Mobility system policies, procedures and considerations., 85-12142  
 Mode II fatigue crack growth specimen development, 85-13078  
 A model for the distributed storage and processing of large arrays, 85-13180  
 Modeling degradation and failure of Ni-Cr-Al overlay coatings, 85-13057  
 Models for evaluating economic impacts of policy changes : a comparison /, 85-11985  
 Modular design attitude control system, 85-13432  
 Module 4.0, variational analyses of DC series circuits for basic electricity and electronics A-100-0010 /, 85-12336  
 Module 5.0, DC parallel circuits for basic electricity and electronics A-100-0010 /, 85-12337  
 A Monte Carlo comparison of the recovery of winds near upwind and downwind from the SASS-1 model function by means of the sum of squares algorithm and a maximum likelihood estimator /, 85-13143  
 Morbidity and mortality weekly report, 85-12698

Mortality statistics ... annual report, 85-12691  
 MOS 45B small arms repairer, skill level I /, 85-12332  
 MOS 45N, tank turret mechanic, skill level I /, 85-12333  
 Motion pictures & sound and video recordings in the National Archives., 85-12556  
 Motor Vehicle Theft Law Enforcement Act of 1984., 85-12603  
 MPP disk subsystem, 85-13407  
 Multidimensional explicit difference schemes for hyperbolic conservation laws, 85-13181  
 Multipath induced errors in meteorological Doppler/interferometer location systems, 85-13412  
 Multiple application references/instructions/tables and grids, 85-12224  
 Mushrooms /, 85-11976

## N

N.I.H. publications list, 85-12652  
 N.O.A.A., 85-12099  
 NASA-Ames summer high school apprenticeship research program, 85-13090  
 NASA grant and cooperative agreement handbook instruction., 85-13130  
 NASA space station needs, attributes, and architectural options, 85-13290  
 [NASA-Texas planetary program], 85-13358  
 NASTRAN forced vibration analysis of rotating cyclic structures, 85-13362  
 National Aeronautics and Space Administration Authorization Act : report (to accompany H.R. 5154), 85-13667  
 National Bureau of Standards special publications., 85-12550  
 The National crime survey : working papers /, 85-13006  
 National east coast winter storms operations plan, 85-12097  
 National Forests, Northern Region, 1981 /, 85-11886  
 National Library of Medicine., 85-12682  
 National listing of providers furnishing kidney dialysis and transplant services /, 85-12718  
 National minimum drinking age : hearing before the Subcommittee on Alcoholism and Drug Abuse of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on examining the tragedy of alcohol-related auto fatalities and whether the answer to this problem is to increase the minimum drinking age ... June 19, 1984., 85-13903  
 National Organ Transplant Act, 85-12587  
 National poultry improvement plan. Directory of participants handling waterfowl, exhibition poultry, and game birds., 85-12006

National Synchrotron Light Source /, 85-12415  
 National treatment of banks : hearing before the Committee on Banking, Housing, and Urban Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2193 ... September 26, 1984., 85-13791  
 National winter storms operations plan /, 85-12097  
 Nationally scheduled Federal Aviation Administration (FAA) approved, industry-conducted flight instructor refresher clinics., 85-13611  
 Native American Programs Act Amendments of 1983 : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4468 ... hearing held in Washington, DC, on March 14, 1984., 85-13816  
 NATO : a time for renewed commitment : report of the Delegation to Northern NATO and the Nordic Region of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13783  
 Naval nuclear propulsion program—1984 : hearing on H.R. 5263 (H.R. 5395) Department of Energy authorization legislation (national security programs) for fiscal year 1985 before the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, February 28, 1984., 85-13785  
 The Navy Civil Engineer Corps., 85-12359  
 Navy Civil Engineer Corps : ready reserve opportunities., 85-12360  
 Navy electricity and electronics training series., 85-12346  
 NCHSR reports available from NTIS., 85-12693  
 The need for a national veterans' cemetery in the state of Arizona : hearing before the Subcommittee on Housing and Memorial Affairs of the Committee on Veterans' Affairs, House of Representatives, Ninety-eighth Congress, second session, November 14, 1984., 85-13937  
 Needs assessment summary : cost analysis, policy analysis, and other evaluation methods /, 85-12446  
 NEMAR plotting computer program, 85-13147  
 Nepal : post report., 85-13534  
 Neutron dosimetry at commercial nuclear plants : final report of subtask C, <sup>3</sup>He neutron spectrometer /, 85-13730  
 Nevada, Utah ZIP4 state directory /, 85-13479  
 New equipment data., 85-12330

- A new look at red pine financial returns in the Lake States /, 85-11897
- New Zealand, North Island-east and west coasts, Manukau Harbor to Maunganui Bluff and Tutukaka Harbor to Mayor Island /, 85-12207
- New Zealand, North Island-North Coast, Cape Maria Van Diemen to Tutukaka Harbor including Three Kings Islands /, 85-12206
- New Zealand, North Island-West Coast, Cape Egmont to Manukau Harbour /, 85-12208
- NIADDK research advances, 85-12672, 85-12673, 85-12675, 85-12676
- NIAID interferon reagents: a program of the National Institute of Allergy and Infectious Diseases., 85-12671
- NIAMDD research advances, 85-12672, 85-12675, 85-12676
- Nicaragua., 85-13513
- NIH publications list, 85-12652
- NIMBUS observation processing system requirements document #NG-13, 85-13087
- Nimbus 7 SMMR derived seasonal variations in the water vapor, liquid water and surface winds over the global oceans, 85-13115
- NISC course catalog., 85-13486
- NOAA., 85-12099
- Noise measurement flight test: data/analyses, Sikorsky S-76A helicopter /, 85-13615
- Noise path identification using face-to-face and side-by-side microphone arrangements, 85-13299
- Nomination of William W. Hoover to be Assistant Secretary of Energy (Defense Programs): hearing before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session ... August 7, 1984., 85-13788
- Nominations—February-May: hearings before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, first session, nominations, February 4, 1983 ... April 20, 1983 ... May 10, 1983 ..., 85-13797
- Nominations—ICC: hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on J.J. Simmons III, Paul H. Lamboley, and Andrew John Strenio, Jr., to be commissioners, Interstate Commerce Commission, August 6, 1984., 85-13800
- Nonaerospace uses of JPL technology, 85-13203
- Noncitrus fruits & nuts, 85-11974
- Noncitrus fruits & nuts. Annual summary., 85-11974
- Noncitrus fruits & nuts. Midyear supplement, 85-11974, 85-11974
- Nonlinear problems in flight dynamics, 85-13107
- Nonlinear viscoelastic characterization of structural adhesives, 85-13193
- Nonmetropolitan fiscal indicators: a review of the literature /, 85-11983
- Nonverbal communications between American Indian children and their teachers: final report /, 85-12463
- Nonverbal factors in the education of Chinese American children: a film study /, 85-12470
- North America-East Coast-Cape Race to Cape Henry /, 85-12161
- North and west coasts of Spain, Cabo Silleiro to Cabo Penas /, 85-12173
- North Sea, Denmark-Netherlands, West Germany, Ameland to Fano /, 85-12177
- Norway, Lindesnes to Nordkapp /, 85-12182
- Norway-west coast, Brandsfjord to Leka /, 85-12183
- A novel algorithm for sea surface height estimation using complex SAR data, 85-13225
- NRC management policies: hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, June 21, 1984., 85-13825
- NTIS abstract newsletters., 85-12095
- The Nuclear fuel cycle., 85-12413
- Nuclear power plant personnel qualifications and training: TSORT—an automated technique to assign tasks to training strategies /, 85-13728
- Numeric and fluid dynamic representation of tornadic double vortex thunderstorms, 85-13164
- Numerical optimization design of advanced transonic wing configurations, 85-13109
- A numerical study of the controlled flow tunnel for a high lift model, 85-13152
- Nursing service administrative development: first level program guide /, 85-13647
- Nuttall oak direct seedlings still successful after 11 years /, 85-11926
- O
- Oak sprout canker., 85-11952
- Oats: background for 1985 farm legislation., 85-11866
- Observations of the earth's magnetic field from the space station, 85-13120
- Occupational aspirations and intended field of study in college /, 85-12443
- Occupational health and safety program., 85-12481
- Occupational wage survey, 85-13013, 85-13014, 85-13015
- OEDC annual report, 85-13758
- Office of General Counsel: 50th anniversary, 1934-1984., 85-13551
- Office of Inspector General report to the Congress, 85-12722
- Office of Inspector General report to the Congress for the six month period ... /, 85-12722
- Office of Software Development and Information Technology., 85-12553
- Official gazette, 85-12092
- Offshore installations emergency evacuation: hearing before the Subcommittee on Panama Canal/Outer Continental Shelf of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6291 ... October 4, 1984., 85-13910
- Old Age Assistance Claims Settlement Act, 85-12581
- Older worker employment comes of age: practice and potential., 85-13698
- Omega propagation correction tables for 10.2 kHz: area 01 Northern Europe, Station F (Argentina) /, 85-12150
- Omega propagation correction tables for 10.2 kHz: area 04, Alaska, station E (Reunion) /, 85-12151
- Omega propagation correction tables for 10.2 kHz: area 04, Alaska, station G (Australia) /, 85-12152
- Omega propagation correction tables for 10.2 kHz: area 06, Greenland, station A (Norway) /, 85-12153
- Omega propagation correction tables for 10.2 kHz: area 07, Mediterranean, station H (Japan) /, 85-12154
- Omega propagation correction tables for 10.2 kHz: area 08, Asia, station C (Hawaii) /, 85-12155
- Omega propagation correction tables for 10.2 kHz: area 09, Northwest Pacific Station G (Australia) /, 85-12156
- Omega propagation correction tables for 10.2 kHz: area 10, central Pacific, station G (Australia) /, 85-12157
- Omega propagation correction tables for 10.2 kHz: area 11, North America, station G (Australia) /, 85-12158
- Omega propagation correction tables for 10.2 kHz: area 17, east Pacific, station D (North Dakota) /, 85-12159
- On modeling dilution jet flowfields, 85-13070
- On-orbit cryogenic fluid transfer, 85-13063
- On the design of an optimal waveform to maximize scattering from a flat plate and a cone /, 85-12361
- "On the undetected error probability of a concatenated coding scheme for error control", 85-13279
- Opening doors for success, 85-13697
- Operating research plan /, 85-12414
- Operations. Municipal and cooperative distributors of TVA power, 85-13758
- Operator's and organizational maintenance manual (including repair parts and special tools lists) together with supplemental operating maintenance and repair parts in-

- structions (SOMARPI) for spreader, lifting frames, NSN 3990-01-128-0069 (linefast model no. 7127-51A-20L), NSN 3990-01-128-0090 (linefast model no. 7127-51A-35L) ..., 85-12263
- Optical fiber communications link design in compliance with systems performance standards /, 85-12116
- Optimal cooperative control synthesis applied to a control-configured aircraft, 85-13162
- Optimal symmetric flight with an intermediate vehicle model, 85-13211
- Optimization of cooled shields in insulations, 85-13153
- Optimum sampling site exposure criteria for lead /, 85-12521
- Optimum temperatures for growth of southern Rocky Mountain Engelmann spruce and Douglas-fir seedlings /, 85-11924
- Orbiting dynamic compression laboratory, 85-13296
- Organic complexant-enhanced mobility of toxic elements in low-level wastes : annual report /, 85-13743
- Organizational analysis and safety for utilities with nuclear power plants /, 85-13723
- Organizational, direct support and general support maintenance repair parts and special tools lists : drier-mixer, bituminous-concrete materials, wheel mounted, gasoline engine driven, 2 wheel, pneumatic tires, 3 to 10 ton per hr. (NSN 3895-00-755-4761) : Wylie model PM-415-MIL., 85-12255
- Organizational, direct support, general support and depot manual : shipment, handling, storage, inspection, care and preservation : HAWK Air Defense Guided Missile System., 85-12264
- Organizational maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-902-8455, w/sprinkler only, NSN 3895-00-952-5840, Huber model E1012M., 85-12256
- OSHA hearings—state staffing levels and OSHA hazard communication standards : hearings before the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.J. Res. 319 ... and H.J. Res. 514 ..., hearings held in Washington, DC, on June 6, 26, 1984., 85-13817
- Overseas employment opportunities for educators., 85-12140
- Oversight activities of the Committee on Banking, Housing, and Urban Affairs, United States Senate., 85-13672
- Oversight hearing on interagency cooperation : hearing before the Subcommittee on Select Education of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Aliquippa, PA, on March 23, 1984., 85-13814
- Oversight of the Household Goods Transportation Act of 1980 and the Bus Regulatory Reform Act of 1982 : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... September 25, 1984., 85-13794
- Oversight on Boilermakers, 1983 : hearings before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, first session, on examination on alleged illegal sales of union memberships or books to unqualified welders by officials of local chapters of the International Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers., 85-13899
- Oversight on international copyrights : hearing before the Subcommittee on Patents, Copyrights and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on how to protect the nation's creativity by protecting the value of intellectual property, September 25, 1984., 85-13896
- Oversight review of the five-year outlook report on science and technology : hearing before the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, January 24, 1984., 85-13925
- An Overview of the School Team Approach /, 85-12426

## P

- P.M.S. blue book, 85-12683
- Pactola., 85-12898
- PAN AIR, a computer program for predicting subsonic or supersonic linear potential flows about arbitrary configurations using a higher order panel method, 85-13136
- Panoramic aerial photography for assessing foliage protection achieved by aerial sprays directed against the gypsy moth., 85-11879
- Papers relating to the foreign relations of the United States, 85-13515
- Parameter studies of gear cooling using an automatic finite element mesh generator, 85-13077
- Parents guide to the development of pre-school handicapped children : resources and services., 85-13023
- Particulate data reduction (PADRE) system reference manual /, 85-12517
- A passive aerial barrier trap suitable for sampling flying bark beetles /, 85-11915
- Passport to a challenge., 85-12235
- Patents and trademarks style manual : a supplement to the United States Government Printing Office style manual., 85-12093
- Pattern recognition for space applications center director's discretionary fund, 85-13039
- Pavement and shoulder maintenance performance guides., 85-13596
- Pavement design for seasonal frost conditions., 85-12254
- PBDAT, a program for reduction of Pb-U Th isotope data, for use with HP-86/87 microcomputers, 85-12829
- PDSS/IMC qualification test software acceptance procedures, 85-13166
- PDSS/IMC qualification test, user's manual, 85-13165
- Peanuts : background for 1985 farm legislation., 85-11862
- The Pell grant formula /, 85-12441
- Perfect in her place : women at work in industrial America /, 85-13545
- Performance analysis of the word synchronization properties of the outer code in a TDRSS decoder, 85-13257
- Performance capabilities of the 12-centimeter xenon ion thruster, 85-13059
- Performance of the Lester battery charger in electric vehicles, 85-13315
- Periodicals received by the CBO Library /, 85-13947
- Permafrost regions in the Soviet Union., 85-13514
- Persian Gulf, Kuwait-Iraq-Iran, Outer Approaches to Shatt Al Arab and Khawr-E Musa /, 85-12198
- Personnel qualification standard for BB-61 class engineering qualification section 9, auxiliary., 85-12354
- Personnel qualification standard for C-2A aircraft : qualification section 5, electrical., 85-12348
- Personnel qualification standard for C-2A aircraft : qualification section 6, utility, environmental, safety., 85-12349
- Personnel qualification standard for FF-1052 class command and control qualification section 4, weapons control., 85-12351
- Personnel qualification standard for H-1 helicopter qualification section 5 electrical., 85-12356
- Personnel qualification standard for MK-37 gunfire control system (GFCS), 85-12355
- Personnel qualification standard for MK 68 gunfire control system (GFCS), 85-12352
- Personnel qualification standard for ships' maintenance and material management (3-M) systems., 85-12350
- Personnel qualification standard for surface electronic warfare operations., 85-12353
- Phantom tax reform : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy

- and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4923 ... June 12, 1984., 85-13826
- Phase 1A pipeline project : environmental assessment : Algonquin Gas Transmission Company, Texas Eastern Transmission Corporation, Transcontinental Gas Pipe Line Corporation, docket nos. CP82-119-007, CP82-446-003, and CP84-146-001., 85-12418
- Philippines, a country study /, 85-12273
- Phoenix Indian Medical Center : drug formulary., 85-12638
- Photo interpretation key to Michigan land cover use, 85-13385
- Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyukuk lowland, Alaska, 85-12824
- Photography of rock core samples., 85-11955
- Pilot interaction with automated airborne decision making systems : semiannual progress report, March 1983-August 1983, 85-13355
- Pilot proficiency award program., 85-13612
- Pipeline accident report : Boston Gas Company natural gas overpressure explosion and fires, East Boston, Massachusetts, September 23, 1983 /, 85-13591
- Pipeline safety regulations : enforcement procedures, part 190 : natural gas, part 191-192., 85-13638, 85-13639
- Placement programs for displaced federal employees : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, October 2, 1984., 85-13914
- Planetary Data Workshop : part 2 : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983., 85-13458
- Planetary Data Workshop : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983/, 85-13459
- Planetary geometry handbook, 85-13220, 85-13221
- Planning work in a stream /, 85-12328
- Plasma and magnetospheric research, 85-13170
- PLUGM, a coupled thermal-hydraulic computer model for freezing melt flow in a channel /, 85-13722
- The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445
- PMS blue book., 85-12683
- Pocket gopher food habits on two disturbed forest sites in central Arizona /, 85-11906
- Polarization angles of linearly polarized antennas and radio waves in satellite communications /, 85-12117
- A policy analysis of professional development and personnel preparation for serving special populations /, 85-12429
- Popular names of U.S. Government reports : a catalog /, 85-13022
- Port risk management guidebook: a risk management and insurance reference for U.S. ports /, 85-13642
- Potential effects of the fuelwood market on wood-using industries in northern New England and New York /, 85-11920
- Potential opportunities for reforestation of marginal croplands : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13780
- Potential utility of future satellite magnetic field data, 85-13409
- Potentiometric surface of the Floridan aquifer in central Sumter County, Florida, May 1983, 85-12818
- Potentiometric surface of the Floridan aquifer Southwest Florida Water Management District, September 1983, 85-12821
- Power annual report, 85-13758
- Power program summary., 85-13758
- The (Pre) co-operative education program : a career opportunity for you., 85-12364
- Pre-command course., 85-12236
- Precision measuring equipment technician (AFSC 32470) /, 85-12390
- Preliminary complete Bouguer gravity anomaly map of the Butte 1°x 2°quadrangle, Montana, 85-12825
- Preliminary geologic map of Furnas Volcano, Sao Miguel, Azores, 85-12815
- Preliminary geologic map of the Peko Hills, Elko County, Nevada, 85-12813
- A preliminary investigation into using the sun as a source for G/T measurements /, 85-12090
- Preliminary map of limonitic hydrothermal alteration for portions of the Needles 1°x 2°quadrangle, Arizona and California, 85-12816
- Preliminary study of a radiantly heated fluidized bed for the production of high-purity silicon, 85-13343
- Preliminary study of (2-D) digital filtering for dealeasing NOSS wind direction data, 85-13207
- Preparing business and courtesy reply mail., 85-13478
- Preprint from the ... Bureau of Mines Minerals yearbook. Minerals in the world economy., 85-12941
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Argentina., 85-12913
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Australia., 85-12914
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Austria., 85-12915
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Brazil., 85-12916
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Canada., 85-12917
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Chile., 85-12918
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of China., 85-12919
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Denmark and Greenland., 85-12920
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Finland., 85-12921
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of France., 85-12922
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Hungary., 85-12925
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of India., 85-12926
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Ireland., 85-12908
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Japan., 85-12927
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Malaysia., 85-12929
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Mexico., 85-12930
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Hampshire., 85-12931
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Zealand., 85-12932
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other central African countries., 85-12911
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other east African countries., 85-12910
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other west African countries., 85-12912
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Peru., 85-12933
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Romania., 85-12935

- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Saudi Arabia., 85-12936
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Spain., 85-12937
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Sweden., 85-12938
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Thailand., 85-12939
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Federal Republic of Germany., 85-12923
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the German Democratic Republic., 85-12924
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Philippines., 85-12934
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Republic of Korea., 85-12928
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Turkey., 85-12940
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the People's Republic of China (OCoLC)7870607, 85-12919
- Prescribing silvicultural treatments in hardwood stands of the Alleghenies /, 85-11939
- Presentation of opportunities for the chemical industry to become involved in space experimentation, 85-13270
- The preservation of historic pigmented structural glass (Vitrolite and Carrara glass), 85-12951
- President's Executive Exchange Program : the federal sector, 85-13493
- The President's 1984 national urban policy report : hearing before the Subcommittee on Investment, Jobs, and Prices of the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 20, 1984., 85-13804, 85-13808
- The President's 1986 budget : an assault on America's aged and poor : a report /, 85-13765
- Press abstracts : fifteenth lunar and planetary science conference, March 12-16, 1984, 85-13440
- Pressure distribution data from tests of 2.29-meter (7.5-ft.) span EET high-lift research model in Langley 4- by 7-meter tunnel, 85-13042
- Pretest plan for a quarter scale aft segment of the SRB filament wound case in the NSWC Hydroballistics Facility, 85-13168
- Pretesting television PSAs : user's guide., 85-12664
- Prevention of drug abuse among youth : hearing before the Permanent Subcommittee on Investigations of the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, June 26, 1985., 85-13879
- Preventive detention of juveniles : hearing before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, oversight hearing to review the recent Supreme Court decision relating to the pretrial detention of juvenile offenders, June 19, 1984., 85-13892
- Price River Resource Area management framework plan summary., 85-12959
- Primary insurance amount for an average male worker /, 85-12645
- Prime contract awards by state., 85-12135
- Prime contract awards in labor surplus areas /, 85-12136, 85-12137, 85-12138, 85-12139
- Principal facts for one-hundred-six gravity stations near the Goat Rocks wilderness area, Washington, 85-12807
- Principles of epidemiology : principles of epidemiology homestudy course 3030-G., 85-12699
- Priority accessible network for the elderly and handicapped in Seattle., 85-13595
- Private health insurance coverage of the medicare population., 85-12694
- Problem of delays in processing Federal Employees' Compensation Act (FECA) claims at the Boston District Office of Workers' Compensation Programs : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, October 12, 1984., 85-13868
- Problems with distribution of oil from the strategic petroleum reserve : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 10, 1984., 85-13873
- Procedure for destruction of tow heavy antitank/assault weapon to prevent enemy use., 85-12265
- Procedures for collecting soil samples and methods of analysis for soil survey., 85-11963
- Proceedings : new and improved techniques for monitoring and evaluating spruce budworm populations : September 13-15, 1983, Holiday Inn, Burlington, VT /, 85-11938
- Proceedings, Fifth Parabolic Dish Solar Thermal Power Program Annual Review, 85-13333
- Proceedings of the CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping : held at Monterey, California, September 1-2, 1983., 85-13747
- Proceedings of the Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (July 25, 26 and 27, 1983, at Port St. Lucie, Florida), 85-13334
- The Proceedings of the Thirteenth Annual Financial Management Conference : Financial management reform : where we are and where we're headed., 85-13497
- Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 /, 85-12451
- Process research in polycrystalline silicon material (PROPSM), 85-13340
- Process research of non-CZ silicon material, 85-13344
- Process research on polycrystalline silicon material (PROPSM), 85-13339
- Processor-controlled timing module for Loran-C receiver, 85-13448
- Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation /, 85-11986
- Production version of the extended NASA-Langley Vortex Lattice FORTRAN Computer Program, 85-13046
- Professional Sports Team Community Protection Act : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5388 and H.R. 5430 ... June 21, 1984., 85-13829
- Professional workers in state agricultural experiment stations and other cooperating state institutions, 85-11875
- Program for development of strain tolerant thermal barrier coating systems, 85-13237
- Program performance measurement : demands, technology, and dangers /, 85-12710
- Program review and evaluation report : weed science, agricultural chemicals technology, and related bioregulation research programs, 1984., 85-11965
- Programmatic environmental impact statement related to decontamination and disposal of radioactive wastes resulting from March 28, 1979 accident Three Mile Island Nuclear Station, Unit 2, docket no. 50-320 : final supplement dealing with occupational radiation dose, GPU Nuclear, Inc., 85-13704
- Programmed text : additional reports., 85-12310
- Programmed text : flight controls, TH-55., 85-12312
- Programmed text : gyrocompass failure., 85-12311
- Programmed text : T-53-L-13 gas turbine engine., 85-12313
- Progress in evaluation of radionuclide geochemical information developed by DOE

## Q

- high-level nuclear waste repository site projects /, 85-13734
- Progress on a generalized coordinates tensor product finite element 3DPNS algorithm for subsonic flow, 85-13182
- Progress report of the Center for Population Research, National Institute of Child Health and Human Development., 85-12677
- Progressive fracture of fiber composites, 85-13067
- Project hire., 85-13560
- Project overview., 85-12695
- Proposed designation of critical habitat for the Hawaiian monk seal in the northwestern Hawaiian Islands., 85-12108
- Proposed John Day resource management plan and final environmental impact statement /, 85-12728
- Proposed land and resource management plan : Nantahala & Pisgah National Forests, North Carolina., 85-11949
- Proposed wilderness program for the Phoenix Wilderness EIS area : Maricopa, Mohave, Pima, Pinal and Yavapai Counties, Arizona /, 85-12729
- Proposed 1984 plan amendments to the California Desert Conservation Area plan of 1980 : draft environmental assessment., 85-12964
- Propulsion issues for advanced orbit transfer vehicles, 85-13049
- Protection in agricultural markets /, 85-11995
- Providing for agreeing to the Senate amendment to H.R. 4230 : repo.t (to accompany H. Res. 615), 85-13683
- Public affairs information package, Spanish version., 85-12642
- The Public Health Service commissioned officers orientation guide, 1984., 85-12648
- Public lands, interior., 85-12564
- Public media, 85-13469
- Public relations costs charged to DOD contracts : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 25, 1984., 85-13874
- Public service in higher education : practices and priorities /, 85-12460
- Public use data tape documentation : multiple cause of death for ICD-9 1981 data., 85-12688
- Public welfare, 85-12565
- Public Works Improvement Act of 1984., 85-12582
- Publications, 85-11934
- Publications of the Exobiology Program for 1983 : a special bibliography /, 85-13128
- Publications of the Jet Propulsion Laboratory, 1982, 85-13251
- Pulpwood production in the north central region by county., 85-11930
- Pyrotechnic shock, 85-13037

- Qualification testing of solar photovoltaic powered refrigerator freezers for medical use in remote geographic locations, 85-13155
- Quality assurance handbook for air pollution measurement systems., 85-12483
- The Quality of Agricultural Research Service watershed and plot data /, 85-11970
- Quality of ground water in agricultural areas of the San Luis Valley, South-Central Colorado /, 85-12788
- Quantity and quality of streamflow in the southeastern Uinta Basin, Utah and Colorado /, 85-12740
- Quarterly report, Landsat 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C), 85-13370
- Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah, 85-12812

## R

- R. D. Bailey outlet works, Guyandot River, West Virginia : hydraulic model investigation /, 85-12320
- Racking performance of light-frame walls sheathed on two sides /, 85-11892
- Radar data smoothing filter study, 85-13161
- Radiation cancer liability : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 18, 1984., 85-13906
- Radiation protection for manned space activities, 85-13228
- A radiative transfer model for remote sensing of laser induced fluorescence of phytoplankton in non-homogeneous turbid water, 85-13353
- Radio and television broadcasting specialist (AFSC 79151), 85-12405
- Radio Regulations (Geneva, 1979), 85-13663
- Railroad/highway accident report : collision of Amtrak passenger train no. 301 on Illinois Central Gulf Railroad with Marquette Motor Service Terminals, Inc. delivery truck, Wilmington, Illinois, July 28, 1983 /, 85-13590
- Raising the stakes in carnival fraud /, 85-12995
- Rangeland program summary for Alturas and East Shasta planning areas., 85-12967
- Ranger handbook., 85-12247
- Rat body size, composition and growth at hypo- and hypergravity, 85-13427
- Rate of value change in Pennsylvania timber stands /, 85-11899
- Ratification of reorganization plans : hearing before a subcommittee of the Com-

- mittee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6225 ... September 20, 1984., 85-13875
- Rational-spline approximation with automatic tension adjustment /, 85-13466
- Ready to serve the nation : National Defense Executive Reserve., 85-12526
- Real jet effects on dual jets in a crossflow, 85-13361
- Reauthorization of the Adolescent Family Life Demonstration Projects Act of 1981 : hearings before the Subcommittee on Family and Human Services of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 24 and 26, 1984., 85-13905
- Reauthorization of the Library Services and Construction Act, 1984 : hearing before the Subcommittee on Education, Arts, and Humanities of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on proposed legislation authorizing funds for programs of the Library Services and Construction Act, March 23, 1984., 85-13904
- Reauthorization of the National Science Foundation, 1985 : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 4, 1984., 85-13902
- Recent developments in UNESCO and their implications for U.S. policy: hearings before the Subcommittees on Human Rights and International Organizations and on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, July 26; September 13; December 6, 1984., 85-13859
- Recommendations for quality assurance programs in nuclear medicine facilities /, 85-12686
- Reconnaissance geologic map of the La Purisima-Paso Hondo area, Baja California Sur, Mexico, 85-12828
- Recreation benefits from an improvement in water quality at St. Albans Bay, Vermont /, 85-11988
- A recreation manager's guide to understanding river use and users /, 85-11945
- Recreational boating safety : analysis for programmatic decisions /, 85-13622
- Rededication to the cause of human rights : December 10, 1984 /, 85-13519
- Redesignating Saint Croix National Monument, Maine : report (to accompany S.J. Res. 25), 85-13664
- Reed Solomon codes for error control in byte organized computer memory systems : final report, phase II, 85-13359
- Reference sources., 85-12047

Reflections on East-West Relations : November 27, 1984., 85-13517

Regional electric power : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5766 ... June 26, 1984., 85-13830

Regions of attraction and ultimate boundedness for linear quadratic regulators with nonlinearities /, 85-13461

Register of disability determination services disability medical consultants., 85-12640

Regulations, part 5 : labor standards provisions applicable to contracts covering federally financed and assisted construction : title 29, part 5 of the Code of Federal Regulations., 85-13016

Releasing young hardwood crop trees : use of a chain saw costs less than herbicides /, 85-11901

Reliability considerations for the total strain range version of strainrange partitioning /, 85-13404

Reliability issues in active control of large flexible space structures, 85-13417

Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231

Remote terminal system, 85-12228

Removal of giardia lamblia cysts by drinking water treatment plants /, 85-12487

Renal provider list, 85-12718

Renewable Energy Development Act of 1983 : report (to accompany H.R. 3169), 85-13670

Reorganization Act Amendments of 1984., 85-12633

Report, 85-13697

Report and recommendations to the President of the United States., 85-13494

Report of committee activities /, 85-13690

Report of committee activities - Committee on Appropriations, House of Representatives, 85-13690

Report of the Commissioner of Agriculture, 85-11846

Report of the Secretary of Agriculture /, 85-11846

Report on congressional delegation trip to Southeast Asia to the Committee on Veterans' Affairs, House of Representatives, Ninety-eighth Congress, second session., 85-13936

Report on foreign currencies held by the U.S. Government., 85-13582

Report on foreign currencies in the custody of the United States, 85-13582

Report on human rights practices in countries receiving U.S. aid, 85-13864

Report on large scale molten core/magnesium interaction test /, 85-13727

Report on legislative review activity during the ... Congress of the Committee on Ways and Means., 85-13686

Report on legislative review activity of the Committee on Ways and Means, 85-13686

Report on mineral resources geophysics program for Egypt, 85-12838

Report on survey of shipbuilding and repair industry, 85-13644

Report on survey of U.S. shipbuilding and repair facilities /, 85-13644

Report on the activities of the Committee on Education and Labor during the ... Congress., 85-13689

Report on the activities of the Merchant Marine and Fisheries Committee., 85-13682

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

Report to Congress by the Secretary of the Interior and the Secretary of Agriculture on administration of the Wild Free-Roaming Horse and Burro Act, Public law 92-195, 85-12733

Report to the Congress on ocean pollution, monitoring and research, 85-12100

Report to the Congress on ocean pollution, monitoring and research : submitted in compliance with sections 201 and 202, Title II of the Marine Protection, Research, and Sanctuaries Act of 1972 (Public Law 92-532), 85-12100

A report to the President and the Congress of the United States, 85-13701

Report to the U.S. Congress on federal alcohol-related activities., 85-12714

Report to the United States Congress on federal activities on alcohol abuse and alcoholism, 85-12714

Report to the US Congress on federal alcohol-related activities, 85-12714

Reports and statistics, 85-12227

Reports of planetary geology program - 1983, 85-13121

Requirements for a transformerless power conditioning system, 85-13330

Research accomplishments., 85-11946

Research accomplishments report, 85-11946

Research advances, 85-12674

Research for tomorrow's forests, 85-11946

Research in effective teaching of writing : phase I : final report /, 85-12453

Research in solar physics, 85-13173

Research in space physics at the University of Iowa : annual report for 1982, 85-13442

Research in undergraduate institutions., 85-13472

Research information digest, 85-11891

Research on mathematics education reported in 1983 /, 85-12472

Research on the use of space resources, 85-13236

Research opportunities in muscle atrophy, 85-13446

A research program in determination of heavy metals in sediments and benthic species in relation to nuclear power plant operation, 85-13249

Research report: bone marrow transplantation., 85-12665

Reserve company commander's handbook., 85-12241

Reservoir management review : Utah projects office, 1983 /, 85-12900

Residential water conservation projects : summary report /, 85-12724

Residential wood heater report, phase II (1981-1983) /, 85-13763

Residual stresses in cross-ply composite tubes, 85-13252

Restoring productivity growth in America : a challenge for the 1980's : a report to the President of the United States and the Secretary of the Treasury., 85-13492

Revenue procedure 85-1., 85-13562

Revenue procedure 85-2., 85-13563

Review of arms control and disarmament activities, 98th Congress : report of the Special Panel on Arms Control and Disarmament of the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13782

Review of ground water contamination and depletion problems in the Northwest : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, November 28, 1983., 85-13872

A review of supercritical fluid extraction /, 85-12087

Review of the attributes and performance of six urban diffusion models /, 85-12499

A review of the silicon material task, 85-13331

Review of the status of the U.S. domestic uranium mining and milling industry : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session ... September 12, 1984., 85-13822

Review of the 10-percent set-aside program section 105 (f) of the Surface Transportation Assistance Act of 1982 : hearing before the Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, Washington, D.C., September 19, 1984., 85-13932

Review of United States strategic forces : communication from the President of the United States transmitting a detailed technical assessment review of U.S. strategic

- forces, pursuant to subsection 7 of Title V, Public Law 97-377., 85-13673
- Review the impact of Canadian trade on U.S. Livestock producers : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 23, 1984., 85-13768
- Revision of North American *Liris Fabricius* (Hymenoptera: Sphecoidae, Larridae) /, 85-13548
- Revision of the South American genus *Ota-chyrium* (Poaceae: Panicoideae) /, 85-13549
- Reye's syndrome., 85-12658
- Reynolds number effects on pressure loss and turbulence characteristics of four tube-bundle heat exchangers, 85-13093
- RF characteristics of the hoop column antenna for the land mobile satellite system mission /, 85-13144
- Rice : background for 1985 farm legislation., 85-11863
- Rice outlook & situation /, 85-11979
- Rice situation (United States. Dept. of Agriculture. Economics, Statistics, and Cooperatives Service), 85-11979
- RIF's at DOE : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 10, 1984., 85-13834
- River information digest, 1985 : for popular western whitewater boating rivers managed by federal agencies /, 85-12947
- The role of the Office of Special Counsel., 85-13029
- The role of the U.S. Southern Command in Central America : hearing before the Subcommittee on Western Hemisphere Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, August 1, 1984., 85-13856
- Rotorcraft contingency power study, 85-13396
- Rules Enabling Act : hearings before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first and second sessions, on oversight and H.R. 4144 ... April 21, 1983, and March 1, 1984., 85-13890
- S**
- S. 2489, the Small Business Competition Enhancement Act of 1984 and S. 2434, a bill to amend section 15 of the Small Business Act by requiring the assignment of breakout procurement center representatives : hearings before the Committee on Small Business, United States Senate, Ninety-eighth Congress, second session ... April 6 and 12, 1984., 85-13933
- The Safety belt proponent's guide., 85-13636
- Safety evaluation report related to the full-term operating license for R.E. Ginna Nuclear Power Plant, docket no. 50-244 : Rochester Gas and Electric Corporation., 85-13710
- Safety evaluation report related to the operation of Callaway Plant, Unit no. 1, docket no. STN 50-483 : Union Electric Company., 85-13708
- Safety evaluation report related to the operation of Catawba Nuclear Station, Units 1 and 2 : docket nos. 50-413 and 50-414, Duke Power Company, et al., 85-13711
- Safety evaluation report related to the operation of Comanche Peak Steam Electric Station, Units 1 and 2 : docket nos. 50-445 and 50-446 : Texas Utilities Generating Company, et al., 85-13706
- Safety evaluation report related to the operation of Enrico Fermi Atomic Power Plant, Unit no. 2, docket no. 50-341 : Detroit Edison Company, et al., 85-13707
- Safety evaluation report related to the operation of Waterford Steam Electric Station, Unit No. 3, docket no. 50-382 : Louisiana Power & Light Company., 85-13705
- Safety-related requirements for photovoltaic modules and arrays, 85-13335
- Sailors and scholars : the centennial history of the U.S. Naval War College /, 85-12338
- Sale by reference : instructions, terms & conditions applicable to Department of Defense personal property offered for sale by Defense Property Disposal Service., 85-12223
- Sale of federal surplus personal property., 85-12555
- Sale of New Hampshire Ball Bearings, Inc. to the Japan-based Minebea Company : hearing before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13790
- Salt II violations : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session : special hearing, Department of Defense, nondepartmental witnesses., 85-13775
- Sample size and precision in communication performance measurements /, 85-12115
- San Juan Basin Wilderness Protection Act of 1984, 85-12627
- Sand-calcite crystals from Garfield County, Utah /, 85-12737
- Satellite data transmission (SDT) requirement, 85-13410
- Satellite-Derived Sea Surface Temperature : Workshop-II, June 22-24, 1983, Pasadena, California, 85-13328
- Satellite Emission Range Inferred Earth Survey (SERIES) project, 85-13317
- Satellite observations of a monsoon depression, 85-13268
- Satellite-tracking and earth dynamics research programs, 85-13212
- SBA antitrust for small businesses., 85-13538
- Schedule E commodity groupings by world area and country, 85-12042
- School administration, buildings and equipment., 85-12548
- School desegregation and black achievement., 85-12477
- School mathematics : options for the 1990s., 85-12424
- The Schultze Granite, the Tea Cup Granodiorite, and the Granite Basin Porphyry : a geochemical comparison of mineralized and unmineralized stocks in southern Arizona /, 85-12746
- Science and engineering doctorates., 85-13475
- Science and math education : hearing before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, U.S. House of Representatives, Ninety-eighth Congress, second session, February 10, 1984., 85-13924
- Science and policy issues : a report of citizen concerns and recommendations for American agricultural research., 85-11848
- Science, technology, and foreign affairs /, 85-13524
- Scientific and technical libraries : administration and management /, 85-13026
- Scientific and technical training in the Soviet Union, 85-13123
- Scoping the Utah statewide wilderness environmental impact statement., 85-12731
- Scotland-east coast, Montrose to Berwick : facsimile reproduction of British Admiralty chart 1407., 85-12172
- Sea ice data buoys in the Weddell Sea /, 85-12323
- Seamanship : officer correspondence course., 85-12357
- Seasonal affective disorder and phototherapy /, 85-12709
- Seasonal effects on mood : the role of light /, 85-12708
- Second-law efficiency of solar-thermal cavity receivers, 85-13320
- Secondary pattern computation of an arbitrarily shaped main reflector, 85-13089
- Secondary vocational education : imperative for excellence /, 85-12431
- Section-by-section comparison of January 9, 1985 draft recodification of maritime liability laws /, 85-13907

## Segmented testing

- Segmented testing, 85-13217
- Selected abstracts on diagnosis and treatment of testicular cancer /, 85-12669
- Selected abstracts on effects of therapy for primary neoplasms on the development of second malignant neoplasms /, 85-12666
- Selected abstracts on intercellular communication related to neoplasia /, 85-12667
- Selected abstracts on neutrons and charged particles in radiotherapy /, 85-12668
- Selected characteristics of persons in engineering, 1978 /, 85-12044
- A selection of 1984 Internal Revenue Service tax information publications., 85-13580
- Selective service and you., 85-13749
- Self aid/buddy care instructions., 85-12370
- Self-paced instruction : factors critical to implementation in Air Force technical training : a preliminary inquiry /, 85-12410
- Self-reports of teacher judgment /, 85-12474
- Selling to the government of Mexico /, 85-12121
- Semi-annual report for numerical methods for analyzing electromagnetic scattering, September 25, 1983 to March 24, 1984, 85-13447
- A semi-direct procedure using a local relaxation factor and its application to an internal flow problem, 85-13068
- The Semi-Markov Unreliability Range Evaluator (SURE) program, 85-13126
- Semiannual report /, 85-11847, 85-13011
- Semiannual report - United States. Dept. of Agriculture. Office of the Inspector General, 85-11847
- Semiannual report - United States. Dept. of Labor. Office of the Inspector General, 85-13011
- Semiannual report of the Inspector General, 85-12015, 85-13011
- Semiannual report to the Congress /, 85-12015
- Semiannual report to the Congress - United States. Dept. of Commerce. Office of Inspector General, 85-12015
- Senate manual containing the standing rules, orders, laws, and resolutions affecting the business of the United States Senate : Articles of Confederation and the Constitution of the United States /, 85-13659
- The Senior Companion Program : the finest tradition of neighbor helping neighbor., 85-12013
- A sensitive optical pyrometer for shock-temperature measurements, 85-13274
- Service attaches accredited to the Department of the Air Force, 85-12374
- Service life of treated and untreated Rocky Mountain area fenceposts : a progress report /, 85-11923

- Settlement of the Cyprus question : communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary General of the United Nations, pursuant to 22 U.S.C. 2373(c)., 85-13680
- Shree Atika, Inc. : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-eighth Congress, first session, on an inquiry into the affairs of Shree Atika, Inc., November 2 and 3, 1983, Washington, DC., 85-13880
- Shipping, 85-12566
- Shock vaporization and the accretion of the icy satellites of Jupiter and Saturn, 85-13351
- Shoe and tire impression evidence /, 85-12997
- Short internodes in western white pine /, 85-11913
- Shot noise limited detection of OH using the technique of laser induced fluorescence, 85-13453
- A simple model for estimating total and merchantable tree heights /, 85-11916
- A simple transmission network planning method : Wisconsin power plant impact study /, 85-12496
- Simplified composite micromechanics equations for strength, fracture toughness, impact resistance and environmental effects, 85-13066
- Simulation of groundwater flow and contaminant transport using the deterministic-probabilistic contaminant transport (DPCT) model /, 85-13720
- Sindrome de Reye., 85-12659
- Single Audit Act of 1984, 85-12583
- Six-month progress report on an analysis of wave interactions in swept-wing flows, 85-13312
- Small Business Administration's computer systems : hearing before the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, June 27, 1984., 85-13927
- Small Business and Federal Procurement Competition Enhancement Act of 1984., 85-12613
- The small business answer desk directory., 85-13537
- Small business tax workshop : workbook., 85-13579
- Small watershed projects., 85-11858
- Social security taxation : impacts on farm operations and proposals for tax reform /, 85-11999
- Socialization into the student role : final report /, 85-12476
- A society based on work /, 85-12432
- The softwood plywood industry in the United States, 1965-82 /, 85-11929

## Title Index

- SOI corporation documentation guide, 85-13564
- Soil sampling quality assurance user's guide /, 85-12501
- Soil survey of Fulton County, Ohio /, 85-11958
- Soil survey of Gregory County, South Dakota /, 85-11959
- Soil survey of Harmon County, Oklahoma /, 85-11960
- Soil survey of Manatee County, Florida /, 85-11962
- Soils and vegetation of the Apalachicola National Forest., 85-11880
- Solar parabolic dish annual technology evaluation report, fiscal year 1982, 85-13229
- Solar parabolic dish technology annual evaluation report, 85-13314
- Solar photovoltaic powered refrigerators/freezers for medical use in remote geographic locations, 85-13159
- Solar thermal technology, 85-13219
- Soldier-leader's handbook : tools of the trade., 85-12239
- Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737
- Sorghum : background for 1985 farm legislation., 85-11868
- Sources and sinks for nitrous oxide and experimental studies of the source of atmospheric COS, CS<sub>2</sub> and CH<sub>3</sub>Cl, 85-13436
- South Africa legislation : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on Africa, House of Representatives, Ninety-eighth Congress, second session, April 10; August 1; September 6, 1984, on H. Res. 430, H. Con. Res. 122, H. Con. Res. 42., 85-13855
- South America, Argentina-Uruguay-East Coast, Rio de la Plata to Bahia Blanca /, 85-12165
- South America, Panama-Columbia and Venezuela-North coast, Golfo de Uruba to Puerto Cabello /, 85-12168
- South America, Venezuela-Northeast coast, Serpents Mouth to Rio Orinoco, including approaches to Boca Grande /, 85-12171
- South Asia and U.S. foreign policy : December 12, 1984., 85-13521
- South China Sea, Yongshu Jiao to P'o-lang Chiao /, 85-12212
- South Pacific Ocean, Papua New Guinea and Solomon Islands, Solomon Islands /, 85-12209
- Southern Regional Research Center., 85-11966
- Soybeans : background for 1985 farm legislation., 85-11865
- Space communications systems equipment operator/specialist (AFSC 30456) /, 85-12388

- Space launch vehicles., 85-13133
- Space Processing Applications Rocket project, 85-13035
- Space radiation effects on graphite-epoxy composite materials, 85-13088
- Space station, 85-13308
- Space station : the next logical step /, 85-13032
- Space station needs, attributes and architectural option, 85-13289
- Space station needs attributes and architectural options, 85-13248, 85-13291, 85-13292, 85-13293, 85-13298, 85-13301, 85-13303, 85-13305, 85-13306
- Space station needs, attributes, and architectural options study, 85-13294, 85-13302, 85-13309
- Space station propulsion analysis study, 85-13073
- Space Symposium 1984 : America plans for space, 6-7 December 1984., 85-12220
- Spaceborne Imaging Radar Symposium, 85-13215
- Spare parts legislation : hearing before the Task Force on Selected Defense Procurement Matters of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, S. 2489 ... S. 2571 ... S. 2572 ... May 16, 1984., 85-13789
- Spartan release engagement mechanism (REM) stress and fracture analysis, 85-13354
- Spatial reasoning to determine stream network from LANDSAT imagery, 85-13405
- Special analyses, budget of the United States, 85-13501
- Special analyses, budget of the United States Government., 85-13501
- Special projects for improvement in nurse training : a listing, June 1978 to September 1983., 85-12717
- Specifications, tolerances, and other technical requirements for commercial weighing and measuring devices, 85-12086
- Specifications, tolerances, and other technical requirements for weighing and measuring devices /, 85-12086
- Speed-dependent collision effects on radar back-scattering from the ionosphere, 85-13204
- Spinning mode acoustic radiation from the flight inlet, 85-13190
- Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) /, 85-13599
- Spruce budworms situation in North America, 1982., 85-11856
- Stand structure and yields of site-prepared loblolly pine plantations in the lower Coastal plain of the Carolinas, Georgia, and north Florida /, 85-11943
- Standard "B" ration for the armed forces., 85-12266
- Starter : a notebook for new teachers., 85-12454
- State and county mental hospitals, United States, 1980-81 and 1981-82 /, 85-12711
- State Justice Institute Act of 1984 : report (to accompany S. 384)., 85-13669
- State laws and published ordinances, firearms., 85-13583
- State laws and regulations governing settlement of highway construction contract claims and claim disputes., 85-13597
- State of the U.S. automobile industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 27, 1984., 85-13836
- State of the U.S. footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, May 25, 1984., 85-13843
- State severance taxes : hearing before the Subcommittee on Energy and Agricultural Taxation of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 463, July 24, 1984., 85-13839
- Statistical appendix to Minerals yearbook, 85-12909
- Statistical correlation of structural mode shapes from test measurements and NAS-TRAN analytical values, 85-13114
- Statistical training programs, 1985-1986., 85-12019
- Statistics of income. Corporation income tax returns documentation guide., 85-13564
- Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565
- Status of air traffic control system : hearing before the Subcommittee on Aviation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... October 1, 1984., 85-13798
- Status of coal supply contracts for new electric generating units : 1983-1992., 85-12419
- Status of dry SO<sub>2</sub> control systems : fall 1983 /, 85-12513
- Status of research at the Institute for Computer Applications in Science and Engineering, 85-13187
- The status of the technical infrastructure to support domestic food irradiation : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, July 26, 1984., 85-13921
- Status of U.S. marine research : hearing before the Subcommittee on Oceanography and the Committee on Merchant
- Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on U.S. marine scientific research capabilities oversight, September 26, 1984., 85-13908
- Status of U.S. postal service : joint hearings before the Subcommittee on Postal Operations and Services and the Subcommittee on Postal Personnel and Modernization of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 25, 26, 1984., 85-13915
- Steel mill products, 85-12040
- Steel mill products (United States. Bureau of the Census), 85-12040
- The Stockholm conference : a report on the first year : December 3, 1984., 85-13518
- Storage and maintenance procedures with illustrated parts breakdown : adapter, guidance section to warhead, ADU-452A/B, part no. HA020503-301-00., 85-12376
- Storage and maintenance procedures with illustrated parts breakdown : airfoil group, guided bomb, MXU-724/B, part no. HK020503-601-00., 85-12375
- Storage and maintenance procedures with illustrated parts breakdown : target detecting device, modular guided bomb, DSU-27A/B, part no. HG020601-001-00., 85-12377
- Strategic materials : technologies to reduce U.S. import vulnerability., 85-13756
- Strategic petroleum reserve : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 24, 1984., 85-13835
- Strategy for technological update of vocational/ technical teachers /, 85-12433
- Stratigraphic nomenclature for the upper Devonian and lower Mississippian (?) Kanayut Conglomerate, Brooks Range, Alaska /, 85-12736
- Streamflow summaries from twelve tributaries of Farmington Creek, Davis County Experimental Watershed, northern Utah /, 85-11937
- Strength and diplomacy : toward a new consensus?, 85-13523
- Structural sizing of a solar powered aircraft, 85-13198
- Structures and Dynamics Division, 85-13100
- STS-8 BET results, 85-13183
- Student handout : noise in Army aviation, 23-4507-1, 34-4507-1, 35-4507-1, 68-4507-1, 76-4507-1, 5/69-4507-2., 85-12309
- Student text for seminar in leadership and management : (reference part two, leadership development 3 : instructor's guide for applied leadership development)., 85-12244

Student workbook : human requirements of flight /, 85-12380

Studies of particulate removal from diesel exhaust /, 85-12503

Studies of poststrike air traffic control specialist trainees : 1., age, biographic factors, and selection test performance related to academy training success /, 85-13618

Study manual phase II, electricity, electronics, and electrical armament circuits., 85-12340

The Study of child growth and development and disease patterns in primitive cultures and the laboratories for slow, latent, and temperate virus infections., 85-12680

Study of effects of fuel properties in turbine-powered business aircraft, 85-13388

A study of government-subsidized housing rehabilitation programs and arson : analysis of programs administered in New York City, 1978-1981 /, 85-13002

Study of LANDSAT-D thematic mapper performance as applied to hydrocarbon exploration, 85-13367

A study of physical processes for space radiation protection, 85-13213

Study of robotics systems applications to the space station program, 85-13295

A Study of space station needs, attributes & architectural options, 85-13297, 85-13304, 85-13352

Study of stator-vane fluctuating pressures in a turbofan engine for static and flight tests /, 85-13460

A study of stress-free living bone and its application to space flight, 85-13176

A Study of the atmosphere and ionosphere using satellite observations of 300-1400 A airglow, 85-13206

Study of the effectiveness of a catalytic combustion device on a wood burning appliance /, 85-12504

A Study of the effects on the economy of trading in futures and options /, 85-13766

Study of the mapping of Navier-Stokes algorithms onto multiple-instruction/multiple-data-stream computers, 85-13108

A style guide for CBO : about writing and word usage., 85-13946

Sugar : background for 1985 farm legislation., 85-11871

Sumatera-east coast with offlying islands, Singapore Strait to Selat Bangka /, 85-12203

Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report /, 85-13919

Summary of accidents investigated by the Federal Railroad Administration in the ... /, 85-13605

Summary of activities : a report of the Committee on Small Business, House of

Representatives, Congress, together with additional views., 85-13687

Summary of activities, January 1 - March 31, 1984, Aeronautics and Space Engineering Board, Commission on Engineering and Technical Systems, 85-13247

Summary of airworthiness directives for large aircraft, 85-13613, 85-13614

Summary of airworthiness directives for small aircraft, 85-13613, 85-13614

Summary of chart corrections, 85-12144, 85-12145, 85-12146, 85-12147, 85-12148

Summary of corrections : charts., 85-12144, 85-12145, 85-12146, 85-12147, 85-12148

Summary of photovoltaic system performance models, 85-13325

Summary of radiometric anomalies in Alaska, 85-12806

Summary of research programs and facilities., 85-12954

Summary of trade and tariff information : agricultural and horticultural machinery, lawnmowers, and tractors, TSUS items 666.00, 666.10, 692.34, and 692.35., 85-12978

Summary of trade and tariff information : animal feeds and animal feed ingredients, TSUS items 184.10-184.85., 85-12970

Summary of trade and tariff information : artists' colors, inks and ink powders, and paints, coating, and related items : TSUS items 408.12, 408.48, 413.50, and 474.02-474.62., 85-12976

Summary of trade and tariff information : benzenoid cyclic intermediates—specialty chemicals : TSUS items 401.02, 401.04, 401.12-401.16, 401.20, 401.30-401.42, 401.46-401.58, 401.64-401.68, 402.00-402.08, 402.24-402.32, 402.36 (pt.), 402.40-404.12, 404.24-404.56, 404.64-406.63, 406.73, 406.82-407.16, 408.41, and 409.38., 85-12972

Summary of trade and tariff information : body-supporting garments : TSUS items 376.04-376.28., 85-12971

Summary of trade and tariff information : butadiene, ethylene and other major primary olefins, and certain other hydrocarbons, TSUS items 429.50-429.56., 85-12974

Summary of trade and tariff information : certain organic chemical crudes : TSUS items 401.06-401.10, 401.18, 401.22-401.24, 401.44, 401.60-401.62, 401.70-401.74 (pt.), and 401.76-401.80., 85-12973

Summary of trade and tariff information : fan, blowers, compressors, air pumps and vacuum pumps, and air-conditioning and refrigeration machines : TSUS items 661.05-661.22, 661.35-661.37., 85-12979

Summary of trade and tariff information : fertilizers, other than nitrogenous, TSUS items 480.05, 480.10, 480.35-480.60, and 480.70-480.80., 85-12975

Summary of trade and tariff information : pulp and paper machinery bookbinding machinery : TSUS items 668.00, 668.02, 668.04, 668.5, 668.06, 668.07, and 668.10., 85-12977

Summary of trade and tariff information : umbrellas, whips, riding crops, and canes; matches, pyrotechnics and candles; and smokers' articles : TSUS items 751.05-751.25, 755.05-755.50, and 756.02-756.60., 85-12980

Summary prehistory and ethnography of Olympic National Park, Washington /, 85-12946

Summary report on the regional geology, petroleum potential, environmental consideration for development, and estimates of undiscovered recoverable oil and gas resources of the United States Gulf of Mexico Continental Margin in the area of proposed oil and gas lease sales nos. 81 and 84, 85-12837

Sunnyside combined hydrocarbon lease conversion : socioeconomic technical report /, 85-12960

Superfund Expansion and Protection Act of 1984 : hearing before the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5640 ... July 25, 1984., 85-13941

Supervisors guide to attendance improvement., 85-13489

A supervisor's guide to the commissioned personnel system., 85-12647

Supplemental appropriations : communication from the President of the United States transmitting proposed supplemental appropriations for fiscal year 1984 and amendments to the request for appropriations for the fiscal year 1984., 85-13674

Supply catalog., 85-13648

Surface and allied studies in silicon solar cells, 85-13346

Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661

A survey of gas-side fouling measure devices, 85-13322

Sweetgum volume and weight tables /, 85-11912

Swirl, expansion ratio and blockage effects on confined turbulent flow, 85-13425

Synthesis of major economic studies of residential photovoltaics, 85-13350

Synthetic Fuels Corporation oversight : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 16, 1984., 85-13876

T

Tabulation of ozonesonde data : 1963-1980 /, 85-13390

- Take off for opportunities : leader's guide / 85-13608
- Tank identification handbook, 85-12248
- Tariff Act of 1930. Title I, 85-12969
- Tariff schedules of the United States annotated / 85-12969
- Task analysis of nuclear power plant control room crews / 85-13725
- Tax information for homeowners associations, 85-13574
- Tax information on corporations, 85-13570, 85-13571
- Tax-sheltered annuity programs for employees of public schools and certain tax-exempt organizations, 85-13572
- Taxation of social security benefits : desk guide, 85-12644
- Taxi regulation in a free entry market : a case study of Washington, D.C. / 85-13587
- Taylor Grazing Act in Nevada, 1934-1984, 85-12961
- Teaching severely handicapped students to perform meaningful work in nonsheltered vocational environments : draft / 85-12455
- Technical irrigation pumping plant test procedure manual / 85-12420
- Technical specifications, Byron Station, Unit no. 1, docket no. STN 50-454 : appendix "A" to license no. NPF-23, 85-13716
- Technical specifications, Callaway Plant, Unit no. 1 : docket no. STN 50-483 : appendix "A" to license no. NPF-30, 85-13713
- Technical specifications, Waterford Steam Electric Station, Unit no. 3, docket no. 50-382 : appendix "A" to license no. NPF-26, 85-13712
- Technical support manual : waterbody surveys and assessments for conducting use attainability analyses, 85-12525
- Technology and technical assistance available to you through U.S. Army Harry Diamond Laboratories Technology Transfer Program and the Federal Laboratory Consortium for Technology Transfer, 85-12331
- Telecommunications, 85-12567
- The Telecommunications and data acquisition progress report 42-77, 85-13267
- Telephone directory, 85-12127, 85-13717
- Temperature dependence of elastic and strength properties of T300/5208 graphite-epoxy, 85-13280
- Ten-year growth of five planted hardwood species with mechanical weed control on Sharkey clay soil / 85-11928
- Tennessee Valley Authority annual report, 85-13759
- Tennessee Wilderness Act of 1984, 85-12614
- Tensile fracture of ductile materials, 85-13276
- Teratology and postnatal studies in rats of the propylene glycol butyl ether and iso-octyl esters of 2,4-dichlorophenoxyacetic acid / 85-12486
- Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835
- Test device and test procedure to assess side structures, 85-13632
- Test results for 27.5- to 30-GHz communications satellite receivers, 85-13054
- Theoretical studies of x-ray emission from supernova remnants and other non-equilibrium astrophysical plasmas, 85-13428
- Thermal response of space shuttle wing during reentry heating, 85-13106
- Thermoelectric temperature control system for the Pushbroom Microwave Radiometer (PBMR), 85-13098
- Three component velocity measurements using Fabry-Perot interferometer, 85-13064
- Three-dimensional implicit lambda methods, 85-13186
- Three-dimensional measurements of fatigue crack closure, 85-13286
- Tidal currents / 85-12111
- Timber management for the 1980s / 85-12962
- Timber resources in areas developed for nonforest use in western Washington / 85-11932
- Tioga-Hammond Lakes / 85-12327
- Title IV, Missing Children's Assistance Act : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4971 ... hearing held in Chicago, IL, on April 9, 1984, 85-13811
- To amend the Mineral Lands Leasing Act of 1920 : hearing before the Subcommittee on Mining, Forest Management, and Bonneville Power Administration of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 1530 ..., hearing held in Washington, DC, June 21, 1984, 85-13883
- To establish a National Commission on Agricultural Trade and Export Policy : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 319 ... August 3, 1984, 85-13878
- Tobacco : background for 1985 farm legislation, 85-11861
- Topical report review status / 85-13748
- Tortuosity of lightning return stroke channels, 85-13119
- TOW training / 85-12249
- Toward an understanding of Stotts, 85-12126
- Toward in-situ building R-value measurement / 85-12322
- Toxic chemicals : what they are, how they affect you, 85-12482
- Toxicity treatability of iron and steel plant wastewaters : a resource document / 85-12495
- Trademarks, 85-13019
- Training and planning guide for management analysts, 85-13491
- Training effectiveness evaluation and utilization demonstration of a low cost cockpit procedures trainer / 85-12339
- Training for a technological world / 85-12434
- Transcripts III technical report / 85-12436
- Transfer of D.C. Employment Security Building : hearing before the Subcommittee on Fiscal Affairs and Health of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3707 ... October 25, 1983, 85-13802
- The transient oxidation of single crystal NiAlZr / 85-13403
- Transit marketing in Pennsylvania : a handbook of effective transit marketing aids / 85-13585
- Transition to turbulence in plane channel flow, 85-13209
- Transportation, 85-12569, 85-12570
- Transportation network analysis : intersection analysis, users' guide : a guide to the intersection analysis features of the UTPS program UROAD / 85-13624
- Travel, entertainment, and gift expenses, 85-13567
- A trend study of high school offerings and enrollments : 1972-73 and 1981-92 / 85-12442
- Tribological applications of surface analysis, 85-13069
- Turboprop propulsion mechanic (AFSC 42653) / 85-12396, 85-12397
- Turbulence characteristics of swirling flow-fields, 85-13426
- Two-dimensional splines, 85-13360

## U

- U.S./U.S.S.R. joint studies on plastic films and soil stabilizers, 85-12899
- U.S. budget in brief, 85-13500
- U.S. Congressional serial set, 85-13652, 85-13653, 85-13654, 85-13655, 85-13656, 85-13657, 85-13658
- U.S. contribution to the U.N. decade for women : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984, 85-13848
- U.S. exports. Schedule E commodity groupings by world area and country, 85-12042

## U.S. exports. Commodity groupings by world area

- U.S. exports. Commodity groupings by world area, 85-12042
- U.S. fisheries export promotion programs and prospects : joint hearings and markup before the Committee on Foreign Affairs and its Subcommittee on International Economic Policy and Trade and the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, U.S. House of Representatives, Ninety-eighth Congress, second session, on H.R. 3255, July 27; August 9; and September 6, 1984., 85-13851
- U.S.G.S. water resources data. Alaska., 85-12794
- U.S. general imports. World area and country of origin by schedule A commodity groupings., 85-12041
- U.S. general imports. World area by commodity groupings., 85-12041
- U.S. industrial outlook., 85-12123
- U.S. industrial outlook for ... industries with projections for ..., 85-12123
- U.S. industrial outlook (Washington, D.C. : 1984), 85-12123
- U.S. international environmental policy : hearings before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, June 14 and September 12, 1984., 85-13858
- U.S. policy on South Africa : hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13861
- U.S. steel industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 8, 1984., 85-13841
- U.S. tax guide for aliens., 85-13568
- U.S. tax treaties., 85-13576
- U.S. trade performance in ... and outlook /, 85-12122
- Umatilla National Forest, Oregon and Washington, 1976 /, 85-11887
- Unconventional missile concepts from consideration of varied mission requirements, 85-13101
- Understanding a technical language, 85-13105
- Understory vegetation inventory : an efficient procedure /, 85-11895
- Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746
- Uniform apparent contract noise, 85-13104
- Unitary tax : hearing before the Subcommittee on International Economic Policy of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 20, 1984., 85-13863

- United Kingdom-France, English Channel, Eddystone Rocks to Isle of Portland and Pointe de Beg to Cap Frehel /, 85-12174
- United Kingdom-France, English Channel, Worthing to Dover and Courseulles to Cap Gris-Nez /, 85-12175
- The United States and China : communication from the speaker transmitting a report to the United States House of Representatives., 85-13678
- The United States and Europe : common bonds and differing perspectives : report of the twenty-third meeting of members of Congress and of the European Parliament, January 19-21, 1984, pursuant to H. Res. 981 ...., 85-13849
- The United States budget in brief., 85-13500
- United States Congressional serial set., 85-13652, 85-13653, 85-13654, 85-13655, 85-13656, 85-13657, 85-13658
- United States-Japan trade : the \$30 billion gap : hearing before the Subcommittee on East Asian and Pacific Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, October 3, 1984., 85-13860
- United States naval history., 85-12549
- United States of America, treasury notes of August 15, 1987, series P-1987., 85-13554
- United States of America, treasury notes of July 31, 1986, series W-1986., 85-13553
- United States reports., 85-12539
- United States-Spain cooperative program in basic sciences., 85-13473
- Update to the ... Catalog of Federal domestic assistance., 85-13503
- The upper mantle beneath the Cascade Range, 85-13450
- US exports. Schedule E commodity groupings by world area and country, 85-12042
- US general imports. World area and country of origin by schedule A commodity groupings, 85-12041
- US industrial outlook, 85-12123
- US prosperity and the developing countries., 85-13535
- US trade performance in ... and outlook, 85-12122
- Use and cost of soil conservation and water quality practices in the Southeast /, 85-11984
- Use of contraception in the United States, 1982 /, 85-12689
- The use of fly ash in highway construction /, 85-13600
- The use of linear feature detection to investigate thematic mapper data performance and processing, 85-13381
- Use of microwave oven in geotechnical applications : progress report no. 1 /, 85-12905

- The use of research knowledge in teacher education and teaching /, 85-12473
- Use of services for family planning and infertility : United States, 1982 /, 85-12690
- Use of short-term bioassays to evaluate environmental impact of land treatment of hazardous industrial waste /, 85-12494
- Use of thermal inertia determined by HCMM to predict nocturnal cold prone areas in Florida, 85-13369
- Use valuation of Louisiana's rural lands : short-run fiscal impacts /, 85-11909
- Users guide : computer program for optimum dynamic design of nonlinear metal plates under blast loading (CSDOOR) /, 85-12321
- A user's manual for the NASA/JPL synthetic aperture radar and the NASA/JPL L- and C-band scatterometers, 85-13232
- USGS water resources data. Alaska, 85-12794
- Usual planting and harvesting dates for U.S. field crops., 85-11876

## V

- V-band IMPATT transmitter, 85-13416
- VA reaches out to veterans in business : could you use a multibillion dollar customer?, 85-13649
- Value engineering for wastewater treatment works /, 85-12520
- Variation, systematics, and zoogeography of Eleutherodactylus guentheri and closely related species (Amphibia: Anura, Lepidodactylidae) /, 85-13547
- VD interchange., 85-12702
- Vector wind gust model, 85-13169
- The VERRUN and VERNAL software systems for steady-state visual evoked experimentation, 85-13197
- Vessel inventory report /, 85-13643
- Vessel inventory report : United States flag, dry cargo and tanker fleets, 1,000 gross tons and over, 85-13643
- Veterans : your past experience is worth more to you now., 85-12305
- Veterans' Administration health care amendments of 1984 : hearing before the Committee on Veterans' Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2210, S. 2269, amendment no. 2850 to S. 2269, S. 2278, S. 2514, and related bills, April 11, 1984., 85-13938
- Veterans' Benefits Improvement Act of 1984, 85-12602
- Veterans' Health Care Act of 1984., 85-12597
- Veto of H.R. 1362 : message from the President of the United States vetoing H.R. 1362, a bill for the relief of Joseph Karel Hasek., 85-13679

Viability of seed produced on highly sodic coal mine spoils /, 85-11914  
 Victim witness handbook., 85-12992  
 Video model deformation system for the national transonic facility, 85-13092  
 Violence and abuse in American families : hearing before the Select Committee on Children, Youth, and Families, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 14, 1984., 85-13793  
 Vital statistics of the United States., 85-12691  
 Vocational education and youth employment /, 85-12440  
 Vocational instructional program advisory committee resource guide /, 85-12427  
 Vocational rehabilitation in employment training /, 85-12437  
 Volume and biomass for curleaf cercocarpus in Nevada /, 85-11896  
 Volunteers and voc ed /, 85-12438

## W

Waiving certain points of order against the conference report on H.R. 6027 : report (to accompany H. Res. 616)., 85-13684  
 Warrant Officer candidate course guide., 85-12334  
 Washington Dulles International Airport : report (to accompany S. 2483)., 85-13666  
 Washington field recordings in the Archive of Folk Culture., 85-13018  
 Washington Metropolitan Area Transit Authority : oversight hearings and markup before the Subcommittee on Government Operations and Metropolitan Affairs of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on bus reliability ... and H.R. 4810 ... February 8, November 16, 1983; and May 3, 1984., 85-13801  
 Washington ZIP4 state directory /, 85-13480  
 Water filtration at Duluth /, 85-12489  
 Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740  
 Water impact test of aft skirt end ring, and mid ring segments of the space shuttle solid rocket booster, 85-13167  
 Water pollution and water resources., 85-12540  
 Water purification, distribution and sewage disposal for Peace Corps volunteers /, 85-13485  
 Water resources and data-network assessment of the Manasota Basin, Manatee and Sarasota Counties, Florida /, 85-12748  
 Water resources appraisal for hydroelectric licensing : middle San Joaquin Valley basin : Fresno, Madera, Mariposa, and Merced Counties, California., 85-12417  
 Water-resources appraisal of the upper Arkansas River basin from Leadville to Pueblo, Colorado /, 85-12749  
 Water resources data. Alaska., 85-12794  
 Water resources data for Alaska, 85-12794  
 Waterborne commerce of the United States. Part 1, Waterways and harbors, Atlantic Coast /, 85-12318  
 Waterborne commerce of the United States. Part 2, Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles /, 85-12319  
 A waterfowl habitat preservation program for the Colusa Basin : Colusa & Glenn Counties, California., 85-12955  
 Waterways and harbors., 85-12318  
 Waterways and harbors, Atlantic Coast, 85-12318  
 Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles, 85-12319  
 Weapon control systems technician (F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389  
 Weather equipment technician (AFSC 30270) /, 85-12387  
 Weed control for establishing intensively cultured hybrid poplar plantations /, 85-11918  
 Welcome! Class of 1986., 85-12379  
 Welcome to the United States Air Force Academy., 85-12412  
 Welding repair to hydraulic equipment., 85-12904  
 Wells drilled for oil and gas deeper than 15,000 feet in the conterminous United States and offshore, 85-12822  
 Wells drilled for oil and gas deeper than 20,000 feet in the conterminous United States and offshore., 85-12823  
 West coast, Nicaragua-Costa Rica, Corinto to Punta Guiones /, 85-12163  
 West Germany : the effect of agricultural policy on production and trade /, 85-11990  
 Westmoreland Resources' Absaloka Mine revised plan : final environmental impact statement., 85-12732  
 What changes are most needed in the procedures used in the United States justice system? : national debate topic for high schools 1983-1984, pursuant to Public Law 88-246 /, 85-13660  
 What to do before and after the auditors arrive., 85-12478  
 Wheat : background for 1985 farm legislation., 85-11860  
 Wheeling Creek Watershed Protection District Compact : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5177 ... April 11, 1984., 85-13887  
 When cancer recurs : meeting the challenge again., 85-12662

White House fellows, 85-13495  
 The White House fellowships., 85-13495  
 Who cares enough : Public Health Service nurses., 85-12646  
 Who needs you? : we do! : ACTION, the National Volunteer Agency needs you to be an important member of Young Volunteers in Action., 85-12014  
 Wild Horse & Burro Adoption Center, Cross Plains, Tennessee., 85-12958  
 Wildlife and fisheries, 85-12571, 85-12572  
 Withdraw and reserve certain public lands for military purposes : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2657 ... S. 2658 ... S. 2659 ... S. 2660 ... S. 2661 ... S. 2662 ... August 8, 1984., 85-13821  
 Witness Protection Act : hearing before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3086 ... June 22, 1983., 85-13891  
 Wood preservative pesticides : creosote, pentachlorophenol, and the inorganic arsenicals., 85-12523  
 Wood shipments to Puerto Rico /, 85-11911  
 Word processing : a guide to program planning /, 85-12439  
 Workshop proceedings : approaches for improving the assessment of human genetic risk : human biomonitoring, December 13-15, 1982, Washington, DC /, 85-12485  
 World area and country of origin by schedule A commodity groupings, 85-12041  
 World food aid needs and availabilities /, 85-11978  
 A World of technology for sharing : America's international highway program., 85-13592  
 World port index., 85-12149  
 WWVH : frequency-time broadcast services., 85-12085

## X

X-ray measurements of water fog density /, 85-13719  
 An X-ray screening protocol for extremity injuries /, 85-12692  
 XSECT, 85-13044

## Y

Your shoulder harness : if you've got it-use it!, 85-13616  
 Your social security rights and responsibilities : retirement and survivors benefits., 85-12643

Youth employment and the minimum wage : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 27, 1984., 85-13810

**Z**

Zilwaukee Bridge, Saginaw, MI : hearing before the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, House of Representatives, Ninety-eighth Congress, first session, February 18, 1983., 85-13916

ZIP4 state directory. Nevada, Utah, 85-13479

ZIP4 state directory. Washington, 85-13480

**0-9**

2-line and 8-line communications multiplexers maintenance manual., 85-12372

7.5 minute series (topographic) : [California]. [36121-E8-TF-024], Monterey quadrangle, California - Monterey Co., 1947 / , 85-12856

7.5 minute series (topographic) : [Connecticut]. 41071-C8-TF-024, Mystic quadrangle, Connecticut - New York - Rhode Island / , 85-12859

7.5 minute series (topographic) : [Connecticut]. 41072-D6-TF-024, Durham quadrangle, Connecticut, 1964 / , 85-12860

7.5 minute series (topographic) : [Connecticut]. 41072-E8-TF-024, Southington quadrangle, Connecticut, 1968 / , 85-12861

7.5 minute series (topographic) : [Connecticut]. 41073-C3-TF-024, Botsford quadrangle, Connecticut - Fairfield Co., 1969 / , 85-12862

7.5 minute series (topographic) : [Connecticut]. 41073-G 3-TF-024, Cornwall quadrangle, Connecticut - Litchfield Co., 1956 / , 85-12863, 85-12864

7.5 minute series (topographic) : [Georgia]. 33802-A7-TF-024, Warthen quadrangle, Georgia - Washington Co., 1961 / , 85-12854

7.5 minute series (topographic) : [Hawaii]. 20156-F3-TF-024, Puu O Kali quadrangle, Hawaii - Maui Co., Island of Maui / , 85-12844

7.5 minute series (topographic) : [Hawaii]. 20156-F4-TF-024, Maalaea quadrangle, Hawaii - Maui Co., Island of Maui / , 85-12845

7.5 minute series (topographic) : [Hawaii]. 20156-G2-TF-024, Haiku quadrangle, Hawaii - Maui Co., Island of Maui / , 85-12846

7.5 minute series (topographic) : [Hawaii]. 21157-C7-TF-024, Honolulu quadrangle, Hawaii - Honolulu Co., Island of Oahu / , 85-12847

7.5 minute series (topographic) : [Hawaii]. 21157-C8-TF-024, Pearl Harbor, Hawaii - Honolulu Co., Island of Oahu / , 85-12848

7.5 minute series (topographic) : [Hawaii]. 21157-D8-TF-024, Waipahu quadrangle, Hawaii - Honolulu Co., Island of Oahu / , 85-12849

7.5 minute series (topographic) : [Hawaii]. [21158-F1-TF-024], Waimea Canyon quadrangle, Hawaii - Kauai Co., 1983 / , 85-12850

7.5 minute series (topographic) : [Hawaii]. [21159-H5-TF-024], Hanapepe quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 / , 85-12851

7.5 minute series (topographic) : [Hawaii]. [22159-A6-TF-024], Makaha Point quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 / , 85-12852

7.5 minute series (topographic) : [Hawaii]. [22159-B3-TF-024], Anahola quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 / , 85-12853

7.5 minute series (topographic) : [Illinois]. 39090-C1-TM-024, Hettick quadrangle, Illinois - Macoupin Co. / , 85-12857

7.5 minute series (topographic) : [Illinois]. 39090-D2-TM-024, Athensville quadrangle, Illinois / , 85-12858

7.5 minute series (topographic) : [Illinois]. 41089-G4-TM-024, Dixon East quadrangle, Illinois - Lee Co. / , 85-12866

7.5 minute series (topographic) : [Illinois]. 41089-G5-TM-024, Dixon West quadrangle, Illinois - Lee Co. / , 85-12867

7.5 minute series (topographic) : [Illinois]. 41089-H4-TM-024, Grand Detour quadrangle, Illinois / , 85-12868

7.5 minute series (topographic) : [Michigan]. [42083-B5-TF-024], Ypsilanti East quadrangle, Michigan, 1967 / , 85-12869

7.5 minute series (topographic) : [Michigan]. [42083-B6-TF-024], Ypsilanti West quadrangle, Michigan - Washtenaw Co., 1967 / , 85-12870

7.5 minute series (topographic) : [Michigan]. [42083-C7-TF-024], Ann Arbor West quadrangle, Michigan - Washtenaw Co., 1965 / , 85-12871

7.5 minute series (topographic) : [Michigan]. [42083-D3-TF-024], Redford quadrangle, Michigan, 1968 / , 85-12872

7.5 minute series (topographic) : [Michigan]. [42083-D7-TF-024], Hamburg quadrangle, Michigan, 1965 / , 85-12873

7.5 minute series (topographic) : [Michigan]. [42083-E3-TF-024], Pontiac South quadrangle, Michigan - Oakland Co., 1968 / , 85-12874

7.5 minute series (topographic) : [Michigan]. [42083-F6-TF-024], West Highland quadrangle, Michigan, 1968 / , 85-12875

7.5 minute series (topographic) : [Michigan]. [42083-G4-TF-024], Ortonville quadrangle, Michigan - Oakland Co., 1968 / , 85-12876

7.5 minute series (topographic) : [Michigan]. [42083-G6-TF-024], Fenton quadrangle, Michigan, 1969 / , 85-12877

7.5 minute series (topographic) : [Minnesota]. 48095-C8-TF-024, Gatzke SW quadrangle, Minnesota - Marshall Co., 1962 / , 85-12878

7.5 minute series (topographic) : [Minnesota]. 48095-G1-TF-024, Roosevelt quadrangle, Minnesota, 1967 / , 85-12879

7.5 minute series (topographic) : [Minnesota]. 48095-G3-TF-024, Warroad SE quadrangle, Minnesota - Roseau Co., 1967 / , 85-12880

7.5 minute series (topographic) : [Minnesota]. 48095-G4-TF-024, Warroad SW quadrangle, Minnesota - Roseau Co., 1967 / , 85-12881

7.5 minute series (topographic) : [Minnesota]. 48095-H7-TF-024, Roseau NE quadrangle, Minnesota, 1966 / , 85-12882

7.5 minute series (topographic) : [North Dakota]. 48103-F7-TF-024, Writing Rock South quadrangle, North Dakota / , 85-12883

7.5 minute series (topographic) : [North Dakota]. 48103-G7-TF-024, Writing Rock North quadrangle, North Dakota - Divine Co. / , 85-12884

7.5 minute series (topographic) : [North Dakota]. 48103-G8-TF-024, Alkabo quadrangle, North Dakota - Divine Co. / , 85-12885

7.5 minute series (topographic) : [North Dakota]. 48103-H5-TF-024, Colgan East quadrangle, North Dakota - Saskatchewan / , 85-12886

7.5 minute series (topographic) : [North Dakota]. 48103-H6-TF-024, Colgan West quadrangle, North Dakota - Saskatchewan / , 85-12887

7.5 minute series (topographic) : [Ohio]. 41081-A4-TF-024, Akron East quadrangle, Ohio, 1967 / , 85-12865

7.5 minute series (topographic) : [Oklahoma]. [35096-H1-TF-024], Sapulpa South quadrangle, Oklahoma, 1958 / , 85-12855

12 questions veterans ask about joining the Army National Guard., 85-12230

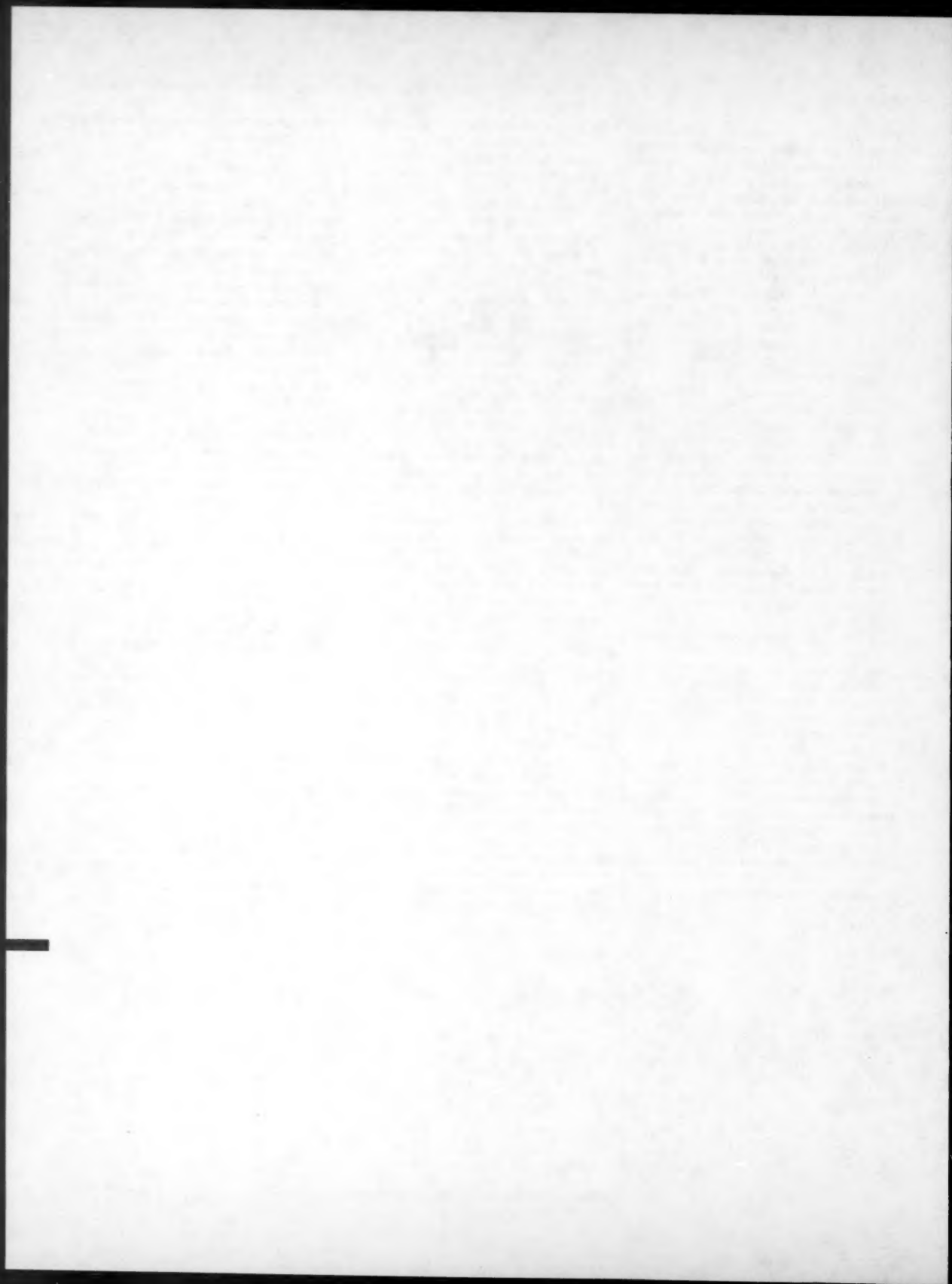
22nd Joint Services Safety Conference : New London, CT, 19-22 September 1983., 85-13619

98th Congress hearings : Subcommittee on Rules of the House : hearings before the Subcommittee on Rules of the House of the Committee on Rules, House of Representatives, Ninety-eighth Congress., 85-13918

1982 census of construction industries. Industry series. General contractors, residential buildings, other than single-family houses, industry 1522., 85-12046

1982 census of manufactures. Preliminary report. Geographic area series. Middle Atlantic States (New Jersey, New York, Pennsylvania), 85-12020

- 1982 census of manufactures. Preliminary report. Geographic area series. Pacific States (Alaska, California, Hawaii, Oregon, Washington), 85-12022
- 1982 census of manufactures. Preliminary report. Geographic area series. South Atlantic States (Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia), 85-12021
- 1982 census of manufactures. Preliminary report. Industry series. Children's outerwear, N.E.C. (industry 2369), 85-12027
- 1982 census of manufactures. Preliminary report. Industry series. Construction machinery (industry 3531), 85-12032
- 1982 census of manufactures. Preliminary report. Industry series. Finishing mills, N.E.C. (industry 2269), 85-12025
- 1982 census of manufactures. Preliminary report. Industry series. Meat packing plants, sausages and other prepared meats (industries 2011 and 2013), 85-12023
- 1982 census of manufactures. Preliminary report. Industry series. Men's and boys' clothing, N.E.C. (industry 2329), 85-12026
- 1982 census of manufactures. Preliminary report. Industry series. Nonferrous wire drawing and insulating (industry 3357), 85-12031
- 1982 census of manufactures. Preliminary report. Industry series. Petroleum refining, lubricating oils and greases (industries 2911 and 2992), 85-12029
- 1982 census of manufactures. Preliminary report. Industry series. Pressed and blown glass, N.E.C. (industry 3229), 85-12030
- 1982 census of manufactures. Preliminary report. Industry series. Tanks and tank components (industry 3795), 85-12033
- 1982 census of manufactures. Preliminary report. Industry series. Waterproof outer garments (industry 2385), 85-12028
- 1982 census of manufactures. Preliminary report. Industry series. Weaving mills, manmade fiber and silk (industry 2221), 85-12024
- 1982 census of manufactures. Preliminary report. Subject series. Textile machinery in place (major group 22), 85-12034
- 1982 census of retail trade. Geographic area series. Ohio, 85-12048
- 1982 census of retail trade. Major retail centers in standard metropolitan statistical areas. Colorado, 85-12051, 85-12052
- 1982 census of retail trade. Preliminary report. Industry series. Grocery stores (industry 5411), 85-12049
- 1982 census of retail trade. Preliminary report. Industry series. Mail order houses (industry 5961), 85-12050
- 1982 census of service industries. Geographic area series. Arizona, 85-12075
- 1982 census of service industries. Geographic area series. Arkansas, 85-12076
- 1982 census of service industries. Geographic area series. Florida, 85-12077
- 1982 census of service industries. Geographic area series. Louisiana, 85-12078
- 1982 census of service industries. Geographic area series. Massachusetts, 85-12079
- 1982 census of service industries. Geographic area series. Mississippi, 85-12080
- 1982 census of service industries. Geographic area series. Nebraska, 85-12081
- 1982 census of service industries. Geographic area series. North Dakota, 85-12082
- 1982 census of service industries. Geographic area series. Oklahoma, 85-12083
- 1982 census of service industries. Geographic area series. Texas, 85-12084
- 1982 census of wholes trade. Geographic area series. Iowa, 85-12059
- 1982 census of wholes trade. Geographic area series. Alabama, 85-12053
- 1982 census of wholes trade. Geographic area series. Arkansas, 85-12054
- 1982 census of wholes trade. Geographic area series. Connecticut, 85-12055
- 1982 census of wholes trade. Geographic area series. Delaware, 85-12056
- 1982 census of wholes trade. Geographic area series. Florida, 85-12057
- 1982 census of wholes trade. Geographic area series. Illinois, 85-12058
- 1982 census of wholes trade. Geographic area series. Kansas, 85-12060
- 1982 census of wholes trade. Geographic area series. Kentucky, 85-12061
- 1982 census of wholes trade. Geographic area series. Maryland, 85-12062
- 1982 census of wholes trade. Geographic area series. Michigan, 85-12063
- 1982 census of wholes trade. Geographic area series. Mississippi, 85-12064
- 1982 census of wholes trade. Geographic area series. Missouri, 85-12065
- 1982 census of wholes trade. Geographic area series. New Jersey, 85-12066
- 1982 census of wholes trade. Geographic area series. New York, 85-12067
- 1982 census of wholes trade. Geographic area series. North Carolina, 85-12068
- 1982 census of wholes trade. Geographic area series. North Dakota, 85-12069
- 1982 census of wholes trade. Geographic area series. Pennsylvania, 85-12070
- 1982 census of wholes trade. Geographic area series. South Carolina, 85-12071
- 1982 census of wholes trade. Geographic area series. United States, 85-12074
- 1982 census of wholes trade. Geographic area series. West Virginia, 85-12072
- 1982 census of wholes trade. Geographic area series. Wisconsin, 85-12073
- 1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983, 85-13663
- 1984 evaluation of salinity control programs in the Colorado River basin /, 85-12902
- The 1984 midyear economic outlook : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, July 30 and August 2, 3, and 8, 1984, 85-13805



## Subject Index

### A

#### Abnormalities (Animals)

Teratology and postnatal studies in rats of the propylene glycol butyl ether and isoocetyl esters of 2,4-dichlorophenoxyacetic acid /, 85-12486

#### Abrasives.

Abrasive tip treatment for use on compressor blades, 85-13395

#### Absorption.

Progress in evaluation of radionuclide geochemical information developed by DOE high-level nuclear waste repository site projects /, 85-13734

#### Acceleration (Mechanics)

An investigation into the probabilistic combination of quasistatic and random accelerations, 85-13038

#### Accounting — Data processing.

Automated data systems manual, Nonappropriated Funds Information Standard System (FAFISS) : budget, users manual., 85-12240

#### Accounting — Law and legislation — United States — Periodicals.

Accounts, 85-12558

CFR. 4, Accounts, 85-12558

Code of federal regulations. 4, Accounts., 85-12558

#### Accounting — United States — Data processing — Handbooks, manuals, etc.

Automated data systems manual : Nonappropriated Funds Information Standard System (NAFISS) : general ledger, users manual., 85-12317

#### Acid deposition — United States.

Laboratory measurements of parameters affecting wet deposition of methyl iodide /, 85-13745

#### Acid rain — Antarctic Regions.

Baseline acidity of ancient precipitation from the South Pole /, 85-12325

#### Acid rain — Research — United States.

Operating research plan /, 85-12414

#### Acid rain — United States.

Laboratory measurements of parameters affecting wet deposition of methyl iodide /, 85-13745

#### Acoustic radiation pressure — Mathematical models.

Spinning mode acoustic radiation from the flight inlet, 85-13190

#### Acoustic surface wave devices.

Application of surface acoustic wave devices to radio telemetry, 85-13273

#### Ada (Computer program language)

The implementation and use of Ada on distributed systems with high reliability requirements : final report, 85-13444

#### Adhesives.

Nonlinear viscoelastic characterization of structural adhesives, 85-13193

#### Administrative agencies — Government policy — United States.

Federal agencies' audit resolution procedures : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 8, 1984., 85-13865

#### Administrative agencies — United States.

National treatment of banks : hearing before the Committee on Banking, Housing, and Urban Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2193 ... September 26, 1984., 85-13791

#### Administrative procedure — United States.

An Act to Extend Through September 30, 1988, the Period During Which Amendments to the United States Grain Standards Act Contained in Section 155 of the Omnibus Budget Reconciliation Act of 1981 Remain ....., 85-12578

#### Administrative remedies — United States.

A Guide to the Forest Service Appeal Regulation (36 CFR 211.18)., 85-11889

#### Adolescent mothers — United States.

An Act to Revise and Extend the Programs of Assistance Under Titles X and XX of the Public Health Service Act., 85-12591

#### Adolescent psychology — United States.

Adolescence and depression., 85-12707

#### Adriatic Sea — Navigation.

Mediterranean, Adriatic Sea, Yugoslavia, Otok Brac to Dubrovnik /, 85-12192

Mediterranean Sea, Adriatic, Italy-east coast, Brindisi to Promontorio Del Gargano /, 85-12191

#### Adult education — Law and legislation — United States.

Education Amendments of 1984., 85-12590

#### Adult education — United States — Periodicals.

The ... annual report to the President of the United States of the National Advisory Council on Adult Education., 85-13697

Opening doors for success, 85-13697

#### Aerial photography in agriculture — Michigan.

Photo interpretation key to Michigan land cover use, 85-13385

#### Aerial photography in agriculture — United States.

Early warning and crop condition assessment, 85-13418

#### Aerial photography in forestry.

Panoramic aerial photography for assessing foliage protection achieved by aerial sprays directed against the gypsy moth., 85-11879

#### Aerial spraying and dusting in agriculture — United States — Data processing.

An experimental and theoretical investigation of deposition patterns from an agricultural airplane /, 85-13463

#### Aerodynamic heating.

Deposition stress effects on thermal barrier coating burner rig life, 85-13056

#### Aerodynamic load — Data processing.

PDSS/IMC qualification test software acceptance procedures, 85-13166

PDSS/IMC qualification test, user's manual, 85-13165

#### Aerodynamics.

Aerodynamic characteristics of two NASA supercritical airfoils with different maximum thicknesses, 85-13033

Confined turbulent swirling recirculating flow predictions, 85-13431

Flutter and forced response of mistuned rotors using standing wave analysis, 85-13261

- Integrated application of active controls (IAAC) technology to an advanced subsonic transport project, 85-13138
- PAN AIR, a computer program for predicting subsonic or supersonic linear potential flows about arbitrary configurations using a higher order panel method, 85-13136
- Production version of the extended NASA-Langley Vortex Lattice FORTRAN Computer Program, 85-13046
- Reynolds number effects on pressure loss and turbulence characteristics of four tube-bundle heat exchangers, 85-13093
- Swirl, expansion ratio and blockage effects on confined turbulent flow, 85-13425
- Turbulence characteristics of swirling flowfields, 85-13426
- Aerodynamics — Computer programs.**  
An implementation of the programming structural synthesis system (PROSS), 85-13043
- Aerodynamics, Supersonic.**  
PAN AIR, a computer program for predicting subsonic or supersonic linear potential flows about arbitrary configurations using a higher order panel method, 85-13136
- Aerodynamics, Transonic.**  
High Reynolds number tests of a Boeing BAC I airfoil in the Langley 0.3-meter transonic cryogenic tunnel, 85-13034
- Aerofoils.**  
Aerodynamic characteristics of two NASA supercritical airfoils with different maximum thicknesses, 85-13033  
High Reynolds number tests of a Boeing BAC I airfoil in the Langley 0.3-meter transonic cryogenic tunnel, 85-13034  
Interacting boundary-layer solutions for laminar separated flow past airfoils, 85-13195
- Aeronautics.**  
NASA-Ames summer high school apprenticeship research program, 85-13090
- Aeronautics — California — Valencia — Accidents.**  
Aircraft accident report : Western Helicopters, Inc., Bell UH-1B, N87701, Valencia, California, July 23, 1982 /, 85-13588
- Aeronautics — California — Valencia — Safety measures.**  
Aircraft accident report : Western Helicopters, Inc., Bell UH-1B, N87701, Valencia, California, July 23, 1982 /, 85-13588
- Aeronautics — Communication systems — Handbooks, manuals, etc.**  
Airborne communications systems operator (AFSC 11650) /, 85-12382
- Aeronautics — Data processing.**  
The Embedded operating system project, 85-13239
- Aeronautics — Law and legislation — United States — Periodicals.**  
Aeronautics and space, 85-12561, 85-12562  
Airworthiness directives, 85-13613, 85-13614  
CFR. 14, Aeronautics and space, 85-12561, 85-12562  
Code of federal regulations. 14, Aeronautics and space., 85-12561, 85-12562  
Federal aviation regulations. Part 39, Airworthiness directives., 85-13613, 85-13614  
Summary of airworthiness directives for large aircraft, 85-13613, 85-13614  
Summary of airworthiness directives for small aircraft, 85-13613, 85-13614
- Aeronautics — New York (State) — Accidents.**  
Aircraft accident report : Scandinavian Airlines System flight 901, McDonnell Douglas DC-10-30, John F. Kennedy International Airport, Jamaica, New York, February 28, 1984 /, 85-13589
- Aeronautics — Research — United States.**  
Structures and Dynamics Division, 85-13100
- Aeronautics — United States — Bibliography.**  
Publications of the Jet Propulsion Laboratory, 1982, 85-13251
- Aeronautics — United States — Congresses.**  
Aviation Fuel Conservation Symposium : September 10-11, 1984 /, 85-13607
- Aeronautics — United States — Handbooks, manuals, etc.**  
Programmed text : additional reports., 85-12310
- Aeronautics — United States — Management — Handbooks, manuals, etc.**  
Apprentice operations systems management specialist (AFSC 27132) /, 85-12385
- Aeronautics — United States — Mathematical models.**  
A comparison of two photogrammetric algorithms for the measurement of model deformation in the national transonic facility, 85-13102
- Aeronautics — United States — Safety measures.**  
The impact of weather on aviation safety : report of the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, U.S. House of Representatives., 85-13917
- Aeronautics — United States — Vocational guidance.**  
Take off for opportunities : leader's guide /, 85-13608
- Aeronautics in agriculture — United States — Data processing.**  
An experimental and theoretical investigation of deposition patterns from an agricultural airplane /, 85-13463
- Aerosols — Composition.**  
Identification of aerosol composition from multi-wavelength lidar measurements, 85-13240
- Aerospace telemetry — Addresses, essays, lectures.**  
The Telecommunications and data acquisition progress report 42-77, 85-13267
- Affirmative action programs — United States.**  
EEO : USPS' commitment towards fulfillment of career goals = EEO : el compromiso del Servicio Postal para cumplir los objetivos profesionales : equal employment opportunity in the United States Postal Service., 85-13476
- Africa — Economic policy.**  
Africa, the World Bank, and the IMF : an appraisal : hearing before the Subcommittee on Africa of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, February 23, 1984., 85-13847
- Africa — Maps.**  
Africa., 85-13504
- Afro-Americans — Education — Evaluation.**  
School desegregation and black achievement., 85-12477
- Age and employment — United States.**  
Older worker employment comes of age : practice and potential., 85-13698
- Aged — Employment — United States.**  
Older worker employment comes of age : practice and potential., 85-13698
- Aged — Government policy — United States.**  
Longevity and the lifestyle of the older individual : hearing before the Subcommittee on Aging of the Committee on Labor and Human Resources, United

States Senate, Ninety-eighth Congress, second session ... September 27, 1984., 85-13901

The President's 1986 budget : an assault on America's aged and poor : a report /, 85-13765

**Aged — United States — Crimes against.**

Consumer fraud and the elderly : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on consumer fraud and the elderly, October 22, 1984., 85-13799

**Aged — United States — Transportation.**

Coordinated transportation demonstration results : final report /, 85-13586

**Aged — Washington (State) — Seattle — Transportation.**

Priority accessible network for the elderly and handicapped in Seattle., 85-13595

**Aged volunteers in social service — United States.**

The Senior Companion Program : the finest tradition of neighbor helping neighbor., 85-12013

**Aggregates (Building materials) — United States — Bibliography.**

Maps showing natural aggregates of the conterminous United States, 85-12819

**Aggregates (Building materials) — United States — Maps.**

Maps showing natural aggregates of the conterminous United States, 85-12819

**Agricultural assistance, American — Africa.**

Food aid in Africa : lessons of 1984, prospects for 1985 : joint hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations and the Subcommittee on Foreign Agricultural Policy of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, ninety-eighth Congress, second session, September 19, 1984., 85-13862

**Agricultural chemicals — United States.**

Program review and evaluation report : weed science, agricultural chemicals technology, and related bioregulation research programs, 1984., 85-11965

**Agricultural credit — United States.**

A Brief history of Farmers Home Administration /, 85-11972

Federal credit programs for agriculture : background for 1985 farm legislation., 85-11873

Review the impact of Canadian trade on U.S. Livestock producers : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee

on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 23, 1984., 85-13768

**Agricultural credit — United States — Statistics.**

A Brief history of Farmers Home Administration /, 85-11972

**Agricultural experiment stations — United States — Officials and employees — Directories.**

Directory of professional workers in state agricultural experiment stations and other cooperating state institutions., 85-11875

Professional workers in state agricultural experiment stations and other cooperating state institutions, 85-11875

**Agricultural extension work — China.**

Management and organizational technologies of Chinese rural youth programs : a scientific exchange of rural youth programs between the U.S.A. and the People's Republic of China., 85-11954

**Agricultural extension work — United States.**

A Catalyst for change : the Extension Service /, 85-11953

**Agricultural laborers — Legal status, laws, etc. — United States.**

Hearings on immigration reform and agricultural guestworkers : hearings before the Subcommittee on Labor Standards of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearings held in Washington, D.C., on April 11 and May 3, 1984., 85-13813

**Agricultural laws and legislation — United States — Periodicals.**

Agriculture, 85-12559

CFR. 7, Agriculture, 85-12559

Code of federal regulations. 7, Agriculture., 85-12559

**Agricultural machinery — United States — Statistics.**

Summary of trade and tariff information : agricultural and horticultural machinery, lawnmowers, and tractors, TSUS items 666.00, 666.10, 692.34, and 692.35., 85-12978

**Agricultural price supports — Congresses.**

Consortium on Trade Research : agricultural trade policy issues in the eighties, current research, and long-term forecasting., 85-11994

**Agricultural price supports — United States.**

Barley : background for 1985 farm legislation., 85-11870

Corn : background for 1985 farm legislation., 85-11864

**Agriculture Economic aspects U.S.**

Cotton : background for 1985 farm legislation., 85-11869

Dairy : background for 1985 farm legislation., 85-11867

Federal credit programs for agriculture : background for 1985 farm legislation., 85-11873

History of agricultural price-support and adjustment programs, 1933-84 : background for 1985 farm legislation., 85-11874

Oats : background for 1985 farm legislation., 85-11866

Peanuts : background for 1985 farm legislation., 85-11862

Sorghum : background for 1985 farm legislation., 85-11868

Soybeans : background for 1985 farm legislation., 85-11865

Sugar : background for 1985 farm legislation., 85-11871

Tobacco : background for 1985 farm legislation., 85-11861

Wheat : background for 1985 farm legislation., 85-11860

**Agricultural productivity — Developing countries.**

Crop output growth : changes in component contributions for six developing countries /, 85-11993

**Agricultural productivity — Germany (West)**

West Germany : the effect of agricultural policy on production and trade /, 85-11990

**Agricultural productivity — United States.**

Measuring agricultural productivity : a new look /, 85-11992

**Agricultural resources — Arizona — Graham County.**

Important farmlands of Graham County, Arizona /, 85-11964

**Agriculture — Economic aspects — Periodicals.**

World food aid needs and availabilities /, 85-11978

**Agriculture — Economic aspects — United States.**

An analytical framework for examining investment in agriculture /, 85-11991

The effects of federal income tax policy on U.S. agriculture : a study /, 85-13809

Long-term farm policy to succeed the Agriculture and Food Act of 1981 : hearings before the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session., 85-13767

- Review the impact of Canadian trade on U.S. Livestock producers : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 23, 1984., 85-13768*
- Agriculture — Economic aspects — United States — Periodicals.**  
Fact book of U.S. agriculture., 85-11854  
Fact book of US agriculture, 85-11854
- Agriculture — Finance — United States — Statistics.**  
Agricultural finance statistics, 1960-83 /, 85-11849
- Agriculture — Forecasting — Congresses.**  
Consortium on Trade Research : agricultural trade policy issues in the eighties, current research, and long-term forecasting., 85-11994
- Agriculture — Government policy — United States.**  
The effects of federal income tax policy on U.S. agriculture : a study /, 85-13809
- Agriculture — Periodicals.**  
World food aid needs and availabilities /, 85-11978
- Agriculture — Research — Government policy — United States.**  
Science and policy issues : a report of citizen concerns and recommendations for American agricultural research., 85-11848
- Agriculture — Research — United States — Statistics — Periodicals.**  
Inventory of agricultural research /, 85-12002, 85-12003
- Agriculture — Taxation — United States.**  
The effects of federal income tax policy on U.S. agriculture : a study /, 85-13809
- Agriculture — United States — Costs — Statistics — Periodicals.**  
Farm production expenditures /, 85-11977
- Agriculture — United States — Periodicals.**  
Fact book of U.S. agriculture., 85-11854  
Fact book of US agriculture, 85-11854  
Report of the Secretary of Agriculture /, 85-11846
- Agriculture, Cooperative — United States.**  
Marketing operations of dairy cooperatives /, 85-12009
- Agriculture, Cooperative — United States — Bibliography.**  
Farmer cooperative publications /, 85-12010

- Agriculture and state — Argentina.**  
Argentine agricultural policies in the grain and oilseed sectors /, 85-11982
- Agriculture and state — Congresses.**  
Consortium on Trade Research : agricultural trade policy issues in the eighties, current research, and long-term forecasting., 85-11994
- Agriculture and state — Germany (West)**  
West Germany : the effect of agricultural policy on production and trade /, 85-11990
- Agriculture and state — United States.**  
Long-term farm policy to succeed the Agriculture and Food Act of 1981 : hearings before the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session., 85-13767  
Models for evaluating economic impacts of policy changes : a comparison /, 85-11985  
Science and policy issues : a report of citizen concerns and recommendations for American agricultural research., 85-11848  
To establish a National Commission on Agricultural Trade and Export Policy : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 319 ... August 3, 1984., 85-13878
- Agriculture teachers — United States — Directories.**  
Directory of professional workers in state agricultural experiment stations and other cooperating state institutions., 85-11875  
Professional workers in state agricultural experiment stations and other cooperating state institutions, 85-11875
- Aids to navigation — Lists — Periodicals.**  
Light list /, 85-13621
- Aids to navigation — Periodicals.**  
Summary of corrections : charts., 85-12144, 85-12145, 85-12146, 85-12147, 85-12148
- Aids to navigation — United States — Periodicals.**  
Light list /, 85-13621
- Air.**  
Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures /, 85-13733
- Air — Pollution.**  
Middle Atmosphere Program : handbook for MAP., 85-13131

- Air — Pollution — California — Los Angeles Region.**  
Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231
- Air — Pollution — Measurement — Statistical methods.**  
Factor analysis of the chemistry of Spanish moss /, 85-12743
- Air — Pollution — Remote sensing.**  
Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231
- Air — Pollution — Standards — United States.**  
Control of wood stove emissions using improved secondary combustion /, 85-12505  
Method 16A for determination of total reduced sulfur emissions : summary of comments and responses., 85-12522  
Optimum sampling site exposure criteria for lead /, 85-12521
- Air — Pollution — United States — Measurement.**  
Review of the attributes and performance of six urban diffusion models /, 85-12499
- Air — Pollution — United States — Measurement — Handbooks, manuals, etc.**  
Quality assurance handbook for air pollution measurement systems., 85-12483
- Air bag restraint systems.**  
Airbag demonstration program : phase III /, 85-13627  
Bumper tests of a 1979 Ford LTD retrofitted with Romeo-Kojoyo and breed all mechanical air bag sensor systems./, 85-13633
- Air-compressors — Maintenance and repair — Handbooks, manuals, etc.**  
Direct support and general support maintenance repair parts and special tools lists (including depot maintenance repair parts and special tools lists) : compressor, rotary, air, wheel mounted, pneumatic tires, diesel driven, 600 CFM, 100 psi, Ingersoll-Rand model DR-600, nonwinterized, serial numbers 600AR 18604 through 600AR 18838, 600 AR21871 through 600AR 22070 ..., 85-12258
- Air ducts — Aerodynamics.**  
Effect of boattail geometry on the aerodynamics of parallel baffles in ducts, 85-13113

**Air Force Human Resources Laboratory — Bibliography.**

Annotated bibliography of the Air Force Human Resources Laboratory technical publications, 1981 /, 85-12408

**Air lines — United States — Inspection — Handbooks, manuals, etc.**

Air carrier operations inspector's handbook : part 135., 85-13609

**Air pilots — Training of — United States.**

Pilot proficiency award program., 85-13612

**Air quality — United States.**

Review of the attributes and performance of six urban diffusion models /, 85-12499

**Air quality — Utah.**

Draft air quality analysis for the combined hydrocarbon EIS, eastern and south-central Utah — Sunnyside STSA /, 85-12730

**Air traffic control — Handbooks, manuals, etc.**

Air traffic control radar controller : soldier's manual : skill level 1, MOS 93J., 85-12270

**Air traffic control — North Atlantic Ocean.**

A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI, 85-13184

**Air traffic control — United States.**

Air traffic control., 85-13606

Combat control operator (AFSC 27350) /, 85-12386

Status of air traffic control system : hearing before the Subcommittee on Aviation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... October 1, 1984., 85-13798

**Air traffic control — United States — Congresses.**

Aviation Fuel Conservation Symposium : September 10-11, 1984 /, 85-13607

**Air traffic controllers — United States.**

Status of air traffic control system : hearing before the Subcommittee on Aviation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... October 1, 1984., 85-13798

**Air traffic controllers — United States — Handbooks, manuals, etc.**

Air traffic control radar controller : soldier's manual : skill level 1, MOS 93J., 85-12270

**Air traffic controllers — United States — Rating of.**

Studies of poststrike air traffic control specialist trainees : I., age, biographic factors, and selection test performance related to academy training success /, 85-13618

**Air University (U.S.). Air Command and Staff College — Handbooks, manuals, etc.**

Welcome! Class of 1986., 85-12379

**Aircraft gas-turbines.**

Programmed text : T-53-L-13 gas turbine engine., 85-12313

**Aircraft industry — Northwest, Pacific.**

Competitive conditions in the U.S. civil aircraft industry and forest products industry : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 9, 1984, Seattle, Washington., 85-13943

**Airdrop.**

Joint airdrop inspection records, malfunction investigations, and activity reporting : operations., 85-12369

**Airplanes — Airworthiness — Periodicals.**

Airworthiness directives, 85-13613, 85-13614

Federal aviation regulations. Part 39, Airworthiness directives., 85-13613, 85-13614

Summary of airworthiness directives for large aircraft, 85-13613, 85-13614

Summary of airworthiness directives for small aircraft, 85-13613, 85-13614

**Airplanes — Collision avoidance.**

A concept for reducing oceanic separation minima through the use of TCAS-derived CDTI, 85-13184

**Airplanes — Control systems.**

Integrated application of active controls (IAAC) technology to an advanced subsonic transport project, 85-13138

Pilot interaction with automated airborne decision making systems : semiannual progress report, March 1983-August 1983, 85-13355

The VERRUN and VERNAL software systems for steady-state visual evoked experimentation, 85-13197

**Airplanes — Control systems — Addresses, essays, lectures.**

Climb-dash real-time calculations, 85-13214

**Airplanes — Design and construction.**

Integrated application of active controls (IAAC) technology to an advanced subsonic transport project, 85-13138

**Airplanes — Equipment and supplies — Handbooks, manuals, etc.**

Aerospace ground equipment repairman (AFSC 42153) /, 85-12395

**Airplanes — Flight testing.**

Evaluation of HiMAT aircraft landing approach lateral control gearing using simulation and a visual display, 85-13085

**Airplanes — Fuel — Congresses.**

Assessment of alternative aircraft fuels : proceedings of a conference held at NASA Lewis Research Center, Cleveland, Ohio, November 2-3, 1983., 85-13456

**Airplanes — Fuel consumption — Congresses.**

Aviation Fuel Conservation Symposium : September 10-11, 1984 /, 85-13607

**Airplanes — Fuel systems.**

Installation of fuel flowmeters in small airplanes with continuous-flow, fuel-injection, reciprocating engines., 85-13610

Pressure distribution data from tests of 2.29-meter (7.5-ft.) span EET high-lift research model in Langley 4-by-7-meter tunnel, 85-13042

Study of effects of fuel properties in turbine-powered business aircraft, 85-13388

**Airplanes — Fuselage.**

XSECT, 85-13044

**Airplanes — Ice prevention.**

Measurement of local convective heat transfer coefficients of four ice accretion shapes, 85-13397

**Airplanes — Landing.**

Aircraft accident report : Scandinavian Airlines System flight 901, McDonnell Douglas DC-10-30, John F. Kennedy International Airport, Jamaica, New York, February 28, 1984 /, 85-13589

**Airplanes — Mathematical models.**

An analytical method to predict efficiency of aircraft gearboxes, 85-13074

**Airplanes — Motors.**

Structural sizing of a solar powered aircraft, 85-13198

**Airplanes — Noise.**

Analysis of noise measured from a propeller in a wake /, 85-13464

General aviation aircraft interior noise problem, 85-13357

Student handout : noise in Army aviation, 23-4507-1, 34-4507-1, 35-4507-1, 68-4507-1, 76-4507-1, 5/69-4507-2., 85-12309

## Airplanes Noise.

Study of stator-vane fluctuating pressures in a turbofan engine for static and flight tests /, 85-13460

**Airplanes — Noise — Mathematical models.**  
Measurement of transmission loss characteristics using acoustic intensity techniques at the KU-FRL acoustic test facility, 85-13216

**Airplanes — Piloting.**  
Nationally scheduled Federal Aviation Administration (FAA) approved, industry-conducted flight instructor refresher clinics., 85-13611

Pilot interaction with automated airborne decision making systems : semiannual progress report, March 1983-August 1983, 85-13355

**Airplanes — Radio equipment — Handbooks, manuals, etc.**  
Airborne communications systems operator (AFSC 11650) /, 85-12383

**Airplanes — Turbine-propeller engines.**  
Study of stator-vane fluctuating pressures in a turbofan engine for static and flight tests /, 85-13460

**Airplanes — Turbine-propeller engines — Handbooks, manuals, etc.**  
Turboprop propulsion mechanic (AFSC 42653) /, 85-12396, 85-12397

**Airplanes — Turbojet engines.**  
Study of effects of fuel properties in turbine-powered business aircraft, 85-13388

**Airplanes — Turbojet engines — Congresses.**  
Assessment of alternative aircraft fuels : proceedings of a conference held at NASA Lewis Research Center, Cleveland, Ohio, November 2-3, 1983., 85-13456

**Airplanes — Turbojet engines — Maintenance and repair — Handbooks, manuals, etc.**  
F-100 jet engine mechanic (AFSC 42654) /, 85-12398

**Airplanes — Wings.**  
A Fundamental approach to the sticking of insect residues to aircraft wings, 85-13310

An investigation of aerodynamic characteristics of wings having vortex flow using different numerical codes, 85-13272

Six-month progress report on an analysis of wave interactions in swept-wing flows, 85-13312

**Airplanes — Wings, Triangular.**  
An analytical design procedure for the determination of effective leading edge extensions on thick delta wings, 85-13429

**Airplanes, Military — Electronic equipment — Standards — United States.**

DOD's sophisticated munitions : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984., 85-13867

**Airplanes, Military — Maintenance and repair — Handbooks, manuals, etc.**  
Aircraft fire control repairer, MOS 68J : skill levels 1/2 : soldier's manual., 85-12271

Maintenance scheduling specialist (AFSC 39250) /, 85-12394

**Airplanes, Military — United States — Handbooks, manuals, etc.**  
Personnel qualification standard for C-2A aircraft : qualification section 6, utility, environmental, safety., 85-12349

**Airport noise — Law and legislation — Florida — Miami.**

Implementation of noise regulation acts at Miami International Airport : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13854

**Airports — Washington (D.C.)**  
Washington Dulles International Airport : report (to accompany S. 2483)., 85-13666

**Alaska — Maps.**  
Map showing the distribution and abundance of boron and beryllium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12796

Map showing the distribution and abundance of cobalt in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12798

Map showing the distribution and abundance of copper in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12797

Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12795

Map showing the distribution and abundance of lead in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12801

Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness

## Subject Index

study area, southeastern Alaska, 85-12799

Map showing the distribution and abundance of nickel and chromium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12800

Map showing the distribution and abundance of scandium and yttrium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12802

Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12803

Map showing the distribution and abundance of zinc in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12804

**Alaska — Maps, Topographic.**  
Alaska topographic - bathymetric series : Icy Bay, 1961 /, 85-12895

Alaska topographic series : Beaver, 1956 /, 85-12897

Alaska topographic series : Fort Yukon, 1956 /, 85-12896

**Alcohol as fuel — United States.**  
Alcohol—bootleg fuel?, 85-13620

**Alcoholics — Law and legislation — United States — Periodicals.**  
Report to the U.S. Congress on federal alcohol-related activities., 85-12714

Report to the United States Congress on federal activities on alcohol abuse and alcoholism, 85-12714

Report to the US Congress on federal alcohol-related activities, 85-12714

**Alcoholism — Treatment — Law and legislation — United States — Periodicals.**  
Report to the U.S. Congress on federal alcohol-related activities., 85-12714

Report to the United States Congress on federal activities on alcohol abuse and alcoholism, 85-12714

Report to the US Congress on federal alcohol-related activities, 85-12714

**Alcoholism — United States — Prevention — Periodicals.**  
Report to the U.S. Congress on federal alcohol-related activities., 85-12714

Report to the United States Congress on federal activities on alcohol abuse and alcoholism, 85-12714

Report to the US Congress on federal alcohol-related activities, 85-12714

**Alexander Pirnie Federal Building (Utica, N.Y.)**

An Act to Designate the United States Post Office and Courthouse in Utica, New York, as the "Alexander Pirnie Federal Building.", 85-12620

**Algorithms.**

A comparison of two photogrammetric algorithms for the measurement of model deformation in the national transonic facility, 85-13102

Computerized algorithms for evaluating prehospital care., 85-13628

Progress on a generalized coordinates tensor product finite element 3DPNS algorithm for subsonic flow, 85-13182

**Alloys — Analysis.**

Laser-initiated combustion studies on metallic alloys in pressurized oxygen /, 85-12089

**Alloys — Testing.**

Fabrication development for ODS-superalloy, air-cooled turbine blades, 85-13393

In-situ measurements of alloy oxidation/corrosion/erosion using a video camera and proximity sensor with microcomputer control, 85-13058

**Aluminum alloys — Metallurgy.**

Advanced powder metallurgy aluminum alloys via rapid solidification technology, 85-13201

**Alzheimer's disease — Florida.**

Alzheimer's disease : a Florida perspective : hearing before the Select Committee on Aging, House of Representatives, Ninety-eighth Congress, second session, May 19, 1984, Palm Harbor, FL., 85-13764

**Alzheimer's disease — Treatment — United States.**

Alzheimer's disease : a Florida perspective : hearing before the Select Committee on Aging, House of Representatives, Ninety-eighth Congress, second session, May 19, 1984, Palm Harbor, FL., 85-13764

**Americans in foreign countries —****Employment — Periodicals.**

Overseas employment opportunities for educators., 85-12140

**Americans in foreign countries — Taxation.**

U.S. tax treaties., 85-13576

**Ammunition.**

List of storage and outloading drawings for ammunition., 85-12272

**Amtrak.**

Railroad/highway accident report : collision of Amtrak passenger train no. 301 on Illinois Central Gulf Railroad with

Marquette Motor Service Terminals, Inc. delivery truck, Wilmington, Illinois, July 28, 1983 /, 85-13590

**Animal experimentation — Law and legislation — United States.**

Improved Standards for Laboratory Animals Act; and enforcement of the Animal Welfare Act by the Animal and Plant Health Inspection Service : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5725, September 19, 1984., 85-13771

**Animals — Food.**

Microhistological techniques for food habits analyses /, 85-11910

**Animals — Food — United States — Statistics.**

Summary of trade and tariff information : animal feeds and animal feed ingredients, TSUS items 184.10-184.85., 85-12970

**Animals, Treatment of — Law and legislation — United States.**

Improved Standards for Laboratory Animals Act; and enforcement of the Animal Welfare Act by the Animal and Plant Health Inspection Service : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5725, September 19, 1984., 85-13771

**Anisotropy.**

Anisotropic models of the upper mantle, 85-13255

Demonstration of angular anisotropy in the output of thematic mapper, 85-13421

**Annuities — Taxation — United States.**

Tax-sheltered annuity programs for employees of public schools and certain tax-exempt organizations., 85-13572

**Antarctica.**

Antarctica : hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on Antarctica, September 24, 1984., 85-13796

**Antenna arrays.**

Autonomous omnidirectional spacecraft antenna system, 85-13406

**Antennas, Reflector.**

Secondary pattern computation of an arbitrarily shaped main reflector, 85-13089

**Antennas (Electronics)**

Autonomous omnidirectional spacecraft antenna system, 85-13406

Polarization angles of linearly polarized antennas and radio waves in satellite communications /, 85-12117

A preliminary investigation into using the sun as a source for G/T measurements /, 85-12090

**Antitank missiles — Maintenance and repair — Handbooks, manuals, etc.**

Equipment improvement report and maintenance digest : DRAGON Medium Antitank/Assault Weapon System, (second quarter, CY 1984), 85-12291

**Antitank weapons — Handbooks, manuals, etc.**

Procedure for destruction of tow heavy antitank/assault weapon to prevent enemy use., 85-12265

**Antitrust law — United States.**

Professional Sports Team Community Protection Act : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5388 and H.R. 5430 ... June 21, 1984., 85-13829

SBA antitrust for small businesses., 85-13538

**Antiviral agents.**

NIAID interferon reagents : a program of the National Institute of Allergy and Infectious Diseases., 85-12671

**Apalachicola National Forest (Fla.)**

Soils and vegetation of the Apalachicola National Forest., 85-11880

**Appellate procedure — United States.**

A Guide to the Forest Service Appeal Regulation (36 CFR 211.18), 85-11889

**Applications for positions — Periodicals.**

Overseas employment opportunities for educators., 85-12140

**Apprentices — United States.**

NASA-Ames summer high school apprenticeship research program, 85-13090

**Aquifers.**

Simulation of groundwater flow and contaminant transport using the deterministic-probabilistic contaminant transport (DPCT) model /, 85-13720

## Aquifers High Plains (U.S.)

### Aquifers — High Plains (U.S.)

Geohydrology of the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming : High Plains RASA Project /, 85-12747

### Aquifers — Minnesota.

Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota /, 85-12789

### Aquifers — United States.

Geohydrology of the High Plains aquifer in parts of Colorado, Kansas, Nebraska, New Mexico, Oklahoma, South Dakota, Texas, and Wyoming : High Plains RASA Project /, 85-12747

### Arabian Sea — Navigation.

India, west coast, Tarapur to Bankot /, 85-12199

### Arafura Sea — Navigation.

Australia-north coast, Port Essington to Cape Stewart /, 85-12204

### Arbitration (Administrative law) — United States.

State laws and regulations governing settlement of highway construction contract claims and claim disputes., 85-13597

### Arbitration and award — United States.

Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes., 85-13005

### Architecture — United States — Conservation and restoration — Periodicals.

Report to the President and the Congress of the United States /, 85-13701

### Architecture and energy conservation — United States.

Demonstration and evaluation of energy efficient systems for residential structures : the energy efficient residence (EER-2) : final report /, 85-12723

### Architecture and the aged — Washington (State) — Seattle.

Priority accessible network for the elderly and handicapped in Seattle., 85-13595

### Architecture and the physically handicapped — Washington (State) — Seattle.

Priority accessible network for the elderly and handicapped in Seattle., 85-13595

### Argillite — Idaho — Maps.

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Idaho /, 85-12768

### Arizona — Maps.

Map showing outcrops of granitic rocks, basin and range province, Arizona /, 85-12753

Map showing outcrops of pre-quaternary ash-flow tuffs and volcanoclastic rocks, basin and range province, Arizona /, 85-12755

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, Arizona /, 85-12756

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Arizona /, 85-12754

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona /, 85-12751

Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750

### Armies — United States — Equipment.

Soldier-leader's handbook : tools of the trade., 85-12239

### Arms control.

Review of arms control and disarmament activities, 98th Congress : report of the Special Panel on Arms Control and Disarmament of the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13782

### Arms control — Addresses, essays, lectures.

Geneva and beyond : new arms control negotiations : January 14, 1984., 85-13522

The Stockholm conference : a report on the first year : December 3, 1984., 85-13518

### Arms control — Congresses.

The United States and Europe : common bonds and differing perspectives : report of the twenty-third meeting of members of Congress and of the European Parliament, January 19-21, 1984, pursuant to H. Res. 981 ...., 85-13849

### Arsenic compounds.

Wood preservative pesticides : creosote, pentachlorophenol, and the inorganic arsenicals., 85-12523

### Arson — New York (N.Y.)

A study of government-subsidized housing rehabilitation programs and arson : analysis of programs administered in

New York City, 1978-1981 /, 85-13002

### Art Barn (Washington, D.C.)

An Act to Authorize the Secretary of the Interior to Enter into Contracts or Cooperative Agreements with the Art Barn Association to Assist in the Preservation and Interpretation of the Art Barn in Rock Creek Park in the District of Columbia, and for Other Purposes., 85-12585

### Arthritis — Research — United States — Periodicals.

Arthritis, rheumatic diseases, and related disorders., 85-12672

NIADDK research advances, 85-12672

NIAMDD research advances, 85-12672

### Artificial arms.

The Boston elbow /, 85-13752

### Artificial arms — Government policy — United States.

The Boston elbow /, 85-13752

### Artificial satellites.

Cloud cover typing from environmental satellite imagery, 85-13316

Interference problems for nongeostationary satellites, 85-13307

Performance analysis of the word synchronization properties of the outer code in a TDRSS decoder, 85-13257

Satellite-Derived Sea Surface Temperature : Workshop-II, June 22-24, 1983, Pasadena, California, 85-13328

Satellite observations of a monsoon depression, 85-13268

### Artificial satellites — Dynamics.

Investigation of dynamic noise affecting geodynamics information in a tethered subsatellite, 85-13264

### Artificial satellites — Optical observations.

A Study of the atmosphere and ionosphere using satellite observations of 300-1400 Å airglow, 85-13206

### Artificial satellites — Tracking.

Satellite-tracking and earth dynamics research programs, 85-13212

### Artificial satellites, American.

Final technical report to National Aeronautics and Space Administration for contract #NAS5-24486, 85-13415

### Artificial satellites in geographical research.

Satellite Emission Range Inferred Earth Survey (SERIES) project, 85-13317

### Artificial satellites in telecommunication.

Adaptive arrays for satellite communications, 85-13254

## Subject Index

- Determination of the key parameters affecting historic communications satellite trends, 85-13052
- Land mobile satellite service (LMSS) channel simulator, 85-13332
- Polarization angles of linearly polarized antennas and radio waves in satellite communications /, 85-12117
- RF characteristics of the hoop column antenna for the land mobile satellite system mission /, 85-13144
- 1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983., 85-13663
- Artificial satellites in telecommunication — Testing.**  
Test results for 27.5 to 30-GHz communications satellite receivers, 85-13054
- Artificial satellites in telecommunication — United States — Periodicals.**  
Annual report /, 85-12124  
FCC annual report, 85-12124
- Artificial vision.**  
Edge analyzing properties of center/surround response functions in cybernetic vision, 85-13094
- Artists' materials — Statistics.**  
Summary of trade and tariff information : artists' colors, inks and ink powders, and paints, coating, and related items : TSUS items 408.12, 408.48, 413.50, and 474.02-474.62., 85-12976
- Asbestos — United States.**  
Federal efforts to control asbestos hazards : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 26, 1984., 85-13831
- Asbestos dust — Government policy — United States.**  
Federal efforts to control asbestos hazards : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 26, 1984., 85-13831
- Asia, Southeastern — Foreign relations — United States — Addresses, essays, lectures.**  
South Asia and U.S. foreign policy : December 12, 1984., 85-13521
- Asia, Southeastern — Politics and government.**  
Report on congressional delegation trip to Southeast Asia to the Committee on Veterans' Affairs, House of Representatives, Ninety-eighth Congress, second session., 85-13936
- Aspen — Rocky Mountains Region.**  
An aid to identifying aspen diseases frequently encountered in the Rocky Mountains /, 85-11950
- Astronautics — Research — United States.**  
A Study of space station needs, attributes & architectural options, 85-13352
- Astronautics — United States.**  
Interplanetary mission design handbook, 85-13324
- Astronautics — United States — Communications systems — Handbooks, manuals, etc.**  
Space communications systems equipment operator/specialist (AFSC 30456) /, 85-12388
- Astronautics and state — United States.**  
An Act to Facilitate Commercial Space Launches, and for Other Purposes., 85-12611  
Commercial Space Launch Act, 85-12611
- Astronautics in earth sciences.**  
Satellite-tracking and earth dynamics research programs, 85-13212
- Astronomical observatories — Texas.**  
[NASA-Texas planetary program], 85-13358
- Astronomy — Data processing.**  
Astronomical application of IR CID technology, 85-13154
- Astronomy — Data processing — Congresses.**  
Planetary Data Workshop : part 2 : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983., 85-13458  
Planetary Data Workshop : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983/, 85-13459
- Astronomy — United States — Congresses.**  
Press abstracts : fifteenth lunar and planetary science conference, March 12-16, 1984, 85-13440
- Astrophysics — Data processing.**  
Astronomical application of IR CID technology, 85-13154
- Astrophysics — Research.**  
Research in space physics at the University of Iowa : annual report for 1982, 85-13442
- Asylum, Right of.**  
Hearings on immigration reform and agricultural guestworkers : hearings before the Subcommittee on Labor Standards of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearings held in Washington, D.C., on April 11 and May 3, 1984., 85-13813
- Atlantic Coast (Brazil) — Navigation.**  
Brazil-east coast, Belmonte to Rio de Janeiro /, 85-12166  
Brazil-East coast, Cabo de Sao Tome to Rio de Janeiro /, 85-12169  
Brazil-east coast, Recife to Belmonte /, 85-12167  
Brazil-north coast, Cabo Orange to Ilha de Maraca /, 85-12170
- Atlantic coast (Greenland) — Navigation.**  
Greenland-west coast, Nordra Strömfjord to Egedesminde /, 85-12180
- Atlantic Coast (United States and Canada) — Navigation.**  
North America-East Coast-Cape Race to Cape Henry /, 85-12161
- Atmosphere.**  
A Study of the atmosphere and ionosphere using satellite observations of 300-1400 Å airglow, 85-13206
- Atmosphere — Data processing — Handbooks, manuals, etc.**  
Atmospheric handbook : atmospheric data tables available on computer tape /, 85-12102
- Atmosphere — Research — United States — Bibliography.**  
Management information., 85-12113
- Atmospheric, Upper — Mathematical models.**  
Dynamic model of the Earth's upper atmosphere /, 85-13142
- Atmospheric chemistry.**  
Sources and sinks for nitrous oxide and experimental studies of the source of atmospheric COS, CS<sub>2</sub> and CH<sub>3</sub>Cl, 85-13436
- Atmospheric density.**  
Dynamic model of the Earth's upper atmosphere /, 85-13142
- Atmospheric ozone — Statistics.**  
Tabulation of ozonesonde data : 1963-1980 /, 85-13390

## Atmospheric pressure U.S.

**Atmospheric pressure — United States.**  
Atmospheric environment for space shuttle (STS-13) launch, 85-13041

**Atomic energy industries — United States — Safety measures — Periodicals.**  
Topical report review status /, 85-13748

**Atomic power-plants — Connecticut — Safety measures — Evaluation.**  
Final environmental statement related to the operation of Millstone Nuclear Power Station, Unit no. 3 : docket no. 50-423, Northeast Nuclear Energy Company, et al., 85-13714

**Atomic power-plants — Contracts and specifications — United States.**  
Technical specifications, Byron Station, Unit no. 1, docket no. STN 50-454 : appendix "A" to license no. NPF-23., 85-13716

**Atomic power-plants — Environmental aspects — Connecticut.**  
Final environmental statement related to the operation of Millstone Nuclear Power Station, Unit no. 3 : docket no. 50-423, Northeast Nuclear Energy Company, et al., 85-13714

**Atomic power-plants — Environmental aspects — Louisiana.**  
Safety evaluation report related to the operation of Waterford Steam Electric Station, Unit No. 3, docket no. 50-382 : Louisiana Power & Light Company., 85-13705

Technical specifications, Waterford Steam Electric Station, Unit no. 3, docket no. 50-382 : appendix "A" to license no. NPF-26., 85-13712

**Atomic power-plants — Environmental aspects — Missouri.**  
Safety evaluation report related to the operation of Callaway Plant, Unit no. 1, docket no. STN 50-483 : Union Electric Company., 85-13708

**Atomic power-plants — Environmental aspects — Pennsylvania — Beaver County.**  
Draft environmental statement related to the operation of Beaver Valley Power Station, Unit 2, docket no. 50-412 : Duquesne Light Company, et al., 85-13715

**Atomic power-plants — Environmental aspects — South Carolina.**  
Safety evaluation report related to the operation of Catawba Nuclear Station, Units 1 and 2 : docket nos. 50-413 and 50-414, Duke Power Company, et al., 85-13711

**Atomic power-plants — Environmental aspects — Texas.**  
Safety evaluation report related to the operation of Comanche Peak Steam

Electric Station, Units 1 and 2 : docket nos. 50-445 and 50-446 : Texas Utilities Generating Company, et al., 85-13706

**Atomic power-plants — Environmental aspects — United States.**  
A research program in determination of heavy metals in sediments and benthic species in relation to nuclear power plant operation, 85-13249

**Atomic power-plants — Licenses — New York (State)**  
Safety evaluation report related to the full-term operating license for R.E. Ginna Nuclear Power Plant, docket no. 50-244 : Rochester Gas and Electric Corporation., 85-13710

**Atomic power-plants — Licenses — United States.**  
Materials licensing study : phase 1., 85-13724

**Atomic power-plants — Louisiana — Safety measures.**  
Technical specifications, Waterford Steam Electric Station, Unit no. 3, docket no. 50-382 : appendix "A" to license no. NPF-26., 85-13712

**Atomic power-plants — Michigan — Safety measures.**  
Safety evaluation report related to the operation of Enrico Fermi Atomic Power Plant, Unit no. 2, docket no. 50-341 : Detroit Edison Company, et al., 85-13707

**Atomic power-plants — Missouri — Evaluation.**  
Safety evaluation report related to the operation of Callaway Plant, Unit no. 1, docket no. STN 50-483 : Union Electric Company., 85-13708

**Atomic power-plants — Missouri — Safety measures.**  
Safety evaluation report related to the operation of Callaway Plant, Unit no. 1, docket no. STN 50-483 : Union Electric Company., 85-13708

**Atomic power-plants — New York (State) — Safety measures.**  
Safety evaluation report related to the full-term operating license for R.E. Ginna Nuclear Power Plant, docket no. 50-244 : Rochester Gas and Electric Corporation., 85-13710

**Atomic power-plants — Pipe lines — Congresses.**  
Proceedings of the CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping : held at Monterey, California, September 1-2, 1983., 85-13747

## Subject Index

**Atomic power-plants — Texas — Safety measures.**  
Safety evaluation report related to the operation of Comanche Peak Steam Electric Station, Units 1 and 2 : docket nos. 50-445 and 50-446 : Texas Utilities Generating Company, et al., 85-13706

**Atomic power-plants — United States — Accidents — Investigation.**  
NRC management policies : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, June 21, 1984., 85-13825

**Atomic power-plants — United States — Personnel management.**  
Task analysis of nuclear power plant control room crews /, 85-13725

**Atomic power-plants — United States — Safety measures.**  
Evaluation of water hammer occurrence in nuclear power plants : technical findings relevant to Unresolved Safety Issue A-1 /, 85-13709

Organizational analysis and safety for utilities with nuclear power plants /, 85-13723

**Atomic power-plants — United States — Safety measures — Periodicals.**  
Topical report review status /, 85-13748

**Atomic ships — Law and legislation — United States.**  
Naval nuclear propulsion program—1984 : hearing on H.R. 5263 (H.R. 5395) Department of Energy authorization legislation (national security programs) for fiscal year 1985 before the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, February 28, 1984., 85-13785

**Atomic weapons and disarmament.**  
Review of arms control and disarmament activities, 98th Congress : report of the Special Panel on Arms Control and Disarmament of the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13782

**Atomic workers — Training of — United States.**  
Nuclear power plant personnel qualifications and training : TSORT—an automated technique to assign tasks to training strategies /, 85-13728

**Atomic workers — United States — Job descriptions.**  
Task analysis of nuclear power plant control room crews /, 85-13725

**Atrophy, Muscular — Research.**  
Research opportunities in muscle atrophy, 85-13446

**Attack and defense (Military science) — Handbooks, manuals, etc.**  
Defensive system trainer specialist (AFSC 34152) /, 85-12392

**Audio-visual materials — United States — Catalogs.**  
Catalog of audiovisual productions : DoD productions cleared for public release., 85-12134

**Auditing.**  
Federal agencies' audit resolution procedures : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 8, 1984., 85-13865  
What to do before and after the auditors arrive., 85-12478

**Auditing — Law and legislation — United States.**  
An Act to Establish Uniform Audit Requirements for State and Local Governments Receiving Federal Financial Assistance., 85-12583  
Single Audit Act of 1984, 85-12583

**Auditing, Internal — United States — Periodicals.**  
Semiannual report of the Inspector General /, 85-13011

**Automatic pilot (Airplanes) — Handbooks, manuals, etc.**  
Programmed text : gyrocompass failure., 85-12311

**Automobile industry and trade — United States.**  
State of the U.S. automobile industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 27, 1984., 85-13836

**Automobile license plates — Canada — Periodicals.**  
License plates /, 85-13601

**Automobile license plates — Mexico — Periodicals.**  
License plates /, 85-13601

**Automobile license plates — United States — Periodicals.**  
License plates /, 85-13601

**Automobile theft — United States.**  
Motor Vehicle Theft Law Enforcement Act of 1984., 85-12603

**Automobiles — Electric generators — Calibration.**  
Calibration procedure for automotive generator and voltage regulator test sets (general), 85-12276

**Automobiles — Parts — Law and legislation — United States.**  
Motor Vehicle Theft Law Enforcement Act of 1984., 85-12603

**Automobiles — Safety appliances.**  
Your shoulder harness : if you've got it-use it!, 85-13616

**Automobiles — Seat belts.**  
Your shoulder harness : if you've got it-use it!, 85-13616

**Automobiles — Transmission devices, Automatic.**  
Allison transmissions : automatic models AT 540., 85-12373

**Automobiles — United States — Bumpers — Testing.**  
Bumper tests of a 1979 Ford LTD retrofitted with Romeo-Kojyo and breed all mechanical air bag sensor systems./, 85-13633

**Automobiles — United States — Crashworthiness.**  
MDB-to-car side impact test of a 19 crabbed moving deformable barrier to a 1976 Volkswagen Rabbit at 34.3 MPH /, 85-13630, 85-13631

**Automobiles — United States — Crashworthiness — Testing.**  
Test device and test procedure to assess side structures., 85-13632

**Automobiles — United States — Equipment and supplies — Handbooks, manuals, etc.**  
Equipment improvement report and maintenance digest (US Army Tank-Automobile Command) : commercial automotive equipment (Jan thru June - 1st half CY 84), 85-12292

**Automobiles — United States — Fuel systems.**  
Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157

**Automobiles — United States — Identification.**  
Motor Vehicle Theft Law Enforcement Act of 1984., 85-12603

**Automobiles — United States — Models — Catalogs.**  
Automobile manufacturers' measurements., 85-12530

**Automobiles — United States — Parts — Identification.**  
Motor Vehicle Theft Law Enforcement Act of 1984., 85-12603

**Automobiles — United States — Seat belts.**  
The Safety belt proponent's guide., 85-13636

**Automobiles — United States — Sizes — Catalogs.**  
Automobile manufacturers' measurements., 85-12530

**Automotive gas turbines.**  
Advanced gas turbine AGT technology project, 85-13389  
Cold-air performance of compressor-drive turbine of Department of Energy upgraded automobile gas turbine engine, 85-13051

## B

**B-52 Bomber — Handbooks, manuals, etc.**  
Defensive system trainer specialist (AFSC 34152) /, 85-12393

**Backscattering.**  
Aerosol backscatter lidar calibration and data interpretation, 85-13326

A Monte Carlo comparison of the recovery of winds near upwind and downwind from the SASS-1 model function by means of the sum of squares algorithm and a maximum likelihood estimator /, 85-13143

**Bahrain — Maps.**  
Bahrain., 85-13505

**Balance of trade.**  
United States-Japan trade : the \$30 billion gap : hearing before the Subcommittee on East Asian and Pacific Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, October 3, 1984., 85-13860

**Baltic Sea — Navigation.**  
Baltic Sea, Sweden and Finland, Gulf of Bothnia /, 85-12184  
Baltic Sea, Sweden-east coast, Gotland /, 85-12185

**Banking law — United States — Periodicals.**  
Oversight activities of the Committee on Banking, Housing, and Urban Affairs, United States Senate., 85-13672

**Bankruptcy — United States.**  
An Act to Amend the Bankruptcy Amendments and Federal Judgeship Act of 1984 to Make Technical Corrections with Respect to the Retirement of Certain Bankruptcy Judges, and for Other Purposes., 85-12598  
Bankruptcy., 85-13578

- Rules Enabling Act :** hearings before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first and second sessions, on oversight and H.R. 4144 ... April 21, 1983, and March 1, 1984., 85-13890
- Banks and banking — United States.**  
Financial investigative techniques money laundering., 85-12993  
National treatment of banks : hearing before the Committee on Banking, Housing, and Urban Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2193 ... September 26, 1984., 85-13791
- Banks and banking — United States — Bibliography — Catalogs.**  
Banks and banking., 85-12544
- Barges.**  
Lower Mississippi River regional barge fleet assessment, plan, and handbook guide /, 85-13641  
Lower Mississippi River regional barge fleet assessment, plan, and handbook guide : executive summary /, 85-13640
- Bark-beetles — Control.**  
A passive aerial barrier trap suitable for sampling flying bark beetles /, 85-11915
- Barley industry — United States.**  
Barley : background for 1985 farm legislation., 85-11870
- Barter.**  
International countertrade : a guide for managers and executives /, 85-12120
- Basalt — Arizona — Maps.**  
Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, Arizona /, 85-12756
- Basalt — California, Southern — Maps.**  
Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Southern California /, 85-12764
- Basalt — Nevada — Maps.**  
Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Nevada /, 85-12776
- Basalt — New Mexico — Maps.**  
Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, New Mexico /, 85-12774
- Battery chargers.**  
Performance of the Lester battery charger in electric vehicles, 85-13315
- Bearings (Machinery)**  
Sale of New Hampshire Ball Bearings, Inc. to the Japan-based Minebea Company : hearing before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13790
- Bearings (Machinery) — Design and construction.**  
Evaluation of two polyimides and of an improved liner retention design for self-lubricating bushings, 85-13076  
Mode II fatigue crack growth specimen development, 85-13078
- Beef industry — Australia.**  
Australian beef production and exports /, 85-11997
- Bengal, Bay of — Navigation.**  
India-east coast, Bay of Bengal, Palar River to Penner River /, 85-12200
- Benin — Description and travel.**  
Background notes, Benin., 85-13525
- Benzene — Spectra.**  
Determination of the succinonitrile-benzene and succinonitrile-cyclohexanol phase diagrams by thermal and UV spectroscopic analysis, 85-13036
- Beryllium — Maps.**  
Map showing the distribution and abundance of boron and beryllium in bed-rock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12796
- Best sellers — Bibliography.**  
Bestsellers, 1979-1983., 85-13024
- Bills, Legislative — United States.**  
Providing for agreeing to the Senate amendment to H.R. 4230 : report (to accompany H. Res. 615), 85-13683  
Waiving certain points of order against the conference report on H.R. 6027 : report (to accompany H. Res. 616), 85-13684
- Bills, Legislative — United States — Periodicals.**  
Index to reports on private and public bills and resolutions favorably reported by the Committee in the ... Congress showing their status as of the date of final adjournment /, 85-13884
- Biogeochemical cycles.**  
Global change, 85-13233
- Biogeochemical cycles — Congresses.**  
Global biology research program: biogeochemical processes in wetlands : report of a workshop conducted at Arlington, Virginia, March 22-24, 1983 /, 85-13457
- Biological control systems.**  
Industry, university, and research institute interest in the U.S. Department of Energy ECUT Biocatalysis Research Activity, 85-13259
- Biomass energy.**  
Biomass estimators for thinned second-growth ponderosa pine trees /, 85-11921
- Biomass energy — Southern States — Statistics.**  
Empirical yields of timber and forest biomass in the Southeast /, 85-11907
- Biomedical engineering — Government policy — United States.**  
Medical research and its impact on the nation's health and economy : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13781
- Birds — Ecology.**  
Effects of tracked vehicle activity on higher vertebrate populations at Army installations /, 85-12329
- Birds, Injurious and beneficial — United States.**  
Histoplasmosis and its relation to bird roosts : a review /, 85-12952
- Birth control — United States — Bibliography — Catalogs.**  
Family planning., 85-12552
- Birth control — United States — Statistics.**  
Use of services for family planning and infertility : United States, 1982 /, 85-12690
- Birth control clinics — United States — States — Directories.**  
Family planning grantees, delegates & clinics., 85-12687
- \*Birth Rate — United States — periodicals.**  
Fertility of American women., 85-12043
- Biscay, Bay of (France and Spain) — Navigation.**  
North and west coasts of Spain, Cabo Silleiro to Cabo Penas /, 85-12173
- Blind — Books and reading.**  
Books for blind and physically handicapped individuals., 85-13025
- Blind — Books and reading — Bibliography.**  
Bestsellers, 1979-1983., 85-13024
- Blind — Printing and writing systems.**  
Books for blind and physically handicapped individuals., 85-13025
- Block grants — United States.**  
Community services block grant : new state role brings program and adminis-

- trative changes : report to the Congress /, 85-12535
- Blood — Technological innovations.**  
Blood policy & technology., 85-13750
- Blood banks — Government policy — United States.**  
Blood policy & technology., 85-13750
- Board of Governors of the Federal Reserve System (U.S.)**  
The budgetary status of the Federal Reserve System., 85-13945
- Boats and boating — United States — Equipment and supplies.**  
Alcohol—bootleg fuel?, 85-13620
- Boats and boating — United States — Equipment and supplies — Evaluation.**  
Recreational boating safety : analysis for programmatic decisions /, 85-13622
- Boats and boating — United States — Safety measures.**  
Alcohol—bootleg fuel?, 85-13620  
Recreational boating safety : analysis for programmatic decisions /, 85-13622
- Boilers — Fuel.**  
Development of criteria for extension of applicability of low-emission, high-efficiency coal burners : fourth annual report /, 85-12514
- Boilers — Fuel — Environmental aspects — United States.**  
Status of dry SO<sub>2</sub> control systems : fall 1983 /, 85-12513
- Boiling water reactors — Cooling — Simulation methods.**  
BWR Full Integral Simulation Test (FIST) program facility description report /, 85-13718
- Boiling water reactors — Pipe lines — Safety measures.**  
Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740
- Bone — Growth.**  
A study of stress-free living bone and its application to space flight, 85-13176
- Bone densitometry.**  
High resolution bone mineral densitometry with a gamma camera, 85-13086
- Bones — Diseases.**  
Research report: bone marrow transplantation., 85-12665
- Bones — Diseases — Research — United States — Periodicals.**  
Arthritis, rheumatic diseases, and related disorders., 85-12672  
NIADDK research advances, 85-12672  
NIAMDD research advances, 85-12672

- Bones — Surgery.**  
Research report: bone marrow transplantation., 85-12665
- Bookbinding machinery — Statistics.**  
Summary of trade and tariff information : pulp and paper machinery bookbinding machinery : TSUS items 668.00, 668.02, 668.04, 668.5, 668.06, 668.07, and 668.10., 85-12977
- Boots and shoes — Trade and manufacture — United States.**  
Import relief for U.S. nonrubber footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 22, 1984., 85-13845  
State of the U.S. footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, May 25, 1984., 85-13843
- Border patrols — United States.**  
Border patrol agent as a career., 85-12998
- Borings — Nebraska.**  
Descriptive, geologic, and borehole geophysical logs for 23 test holes in south-central Nebraska, 85-12827
- Boron — Maps.**  
Map showing the distribution and abundance of boron and beryllium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12796
- Botany — South America — Classification.**  
Revision of the South American genus Otachyrium (Poaceae: Panicoideae) /, 85-13549
- Bothnia, Gulf of — Navigation.**  
Baltic Sea, Sweden and Finland, Gulf of Bothnia /, 85-12184
- Boundary layer.**  
Application of a quasi-3D inviscid flow and boundary layer analysis to the hubshroud contouring of a radial turbine, 85-13055  
Interacting boundary-layer solutions for laminar separated flow past airfoils, 85-13195
- Boundary layer — Data processing.**  
COSAL, a black-box compressible stability analysis code for transition prediction in three-dimensional boundary layers, 85-13149
- Boundary layer — Mathematical models.**  
Embedded cavity drag in steady and unsteady flows, 85-13192

- Budget Law and legislation U.S.**
- Boundary layer control.**  
The boundary layer on compressor cascade blades, 85-13244
- Boy Scouts.**  
Making good boys better : nonformal education in Boy Scouts /, 85-12464
- Brachycentrus — Classification.**  
The genus *Brachycentrus* in North America, with a proposed phylogeny of the genera of *Brachycentridae* (Trichoptera) /, 85-13546
- Brick trade — United States — Statistics — Periodicals.**  
Clay construction products, 85-12036  
Current industrial reports. M-32D, Clay construction products /, 85-12036
- Bridge construction — Michigan — Saginaw.**  
Zilwaukee Bridge, Saginaw, MI : hearing before the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, House of Representatives, Ninety-eighth Congress, first session, February 18, 1983., 85-13916
- Bridges — Michigan — Saginaw.**  
Zilwaukee Bridge, Saginaw, MI : hearing before the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, House of Representatives, Ninety-eighth Congress, first session, February 18, 1983., 85-13916
- Broadcasters — United States.**  
Radio and television broadcasting special-ist (AFSC 79151), 85-12405
- Broadcasting.**  
1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983., 85-13663
- Brokers — United States — Indexes.**  
Index of releases /, 85-13543
- Bubbles.**  
Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746
- Budget — Law and legislation — United States.**  
Increase effectiveness of domestic fire-fighting forces (H.R. 3726); and Congressional Budget Act Amendments of 1984 (H.R. 5247) : hearings before a subcommittee of the Committee on Government Operations, House of

## Budget Law and legislation U.S.

Representatives, Ninety-eighth Congress, second session, on H.R. 3726 ... and H.R. 5247 ... July 26, 1984., 85-13869

### Budget — United States.

Deferrals : message from the President of the United States transmitting a report on four new deferrals of budget authority for fiscal year 1983, and one revision to a previously reported deferral of budget authority, pursuant to sections 1013(a) and 1014(c) of Public Law 93-344., 85-13675

The President's 1986 budget : an assault on America's aged and poor : a report /, 85-13765

### Budget — United States — History — Statistics — Periodicals.

Historical tables, budget of the United States government., 85-13502

### Budget — United States — Periodicals.

Budget of the U.S. Government, 85-13498, 85-13499

Budget of the United States Government., 85-13498

The budget of the United States Government. Appendix., 85-13499

Historical tables, budget of the United States government., 85-13502

Special analyses, budget of the United States Government., 85-13501

U.S. budget in brief, 85-13500

The United States budget in brief., 85-13500

### Budget — United States — Statistics — Periodicals.

Historical tables, budget of the United States government., 85-13502

### Building materials — Directories.

Building materials : trade list., 85-12119

### Building materials industry — United States — Statistics — Periodicals.

Clay construction products, 85-12036

Current industrial reports. M-32D, Clay construction products /, 85-12036

### Buildings — Thermal properties.

Toward in-situ building R-value measurement /, 85-12322

### Buoys — Weddell Sea.

Sea ice data buoys in the Weddell Sea /, 85-12323

### Bus lines — Pennsylvania.

Transit marketing in Pennsylvania : a handbook of effective transit marketing aids /, 85-13585

### Bus lines — United States.

Oversight of the Household Goods Transportation Act of 1980 and the

Bus Regulatory Reform Act of 1982 : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... September 25, 1984., 85-13794

### Bus lines — Washington Metropolitan Area.

Washington Metropolitan Area Transit Authority : oversight hearings and markup before the Subcommittee on Government Operations and Metropolitan Affairs of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on bus reliability ... and H.R. 4810 ... February 8, November 16, 1983; and May 3, 1984., 85-13801

### Buses — Washington Metropolitan Area — Maintenance and repair.

Washington Metropolitan Area Transit Authority : oversight hearings and markup before the Subcommittee on Government Operations and Metropolitan Affairs of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on bus reliability ... and H.R. 4810 ... February 8, November 16, 1983; and May 3, 1984., 85-13801

### BWR Full Integral Simulation Test Program (U.S.)

BWR Full Integral Simulation Test (FIST) program facility description report /, 85-13718

## C

### Cable television — Law and legislation — United States.

An Act to Amend the Communications Act of 1934 to Provide a National Policy Regarding Cable Television., 85-12604

Cable Communications Policy Act of 1984, 85-12604

### Cable television — United States — Fees.

The Free Market Copyright Royalty Act of 1983 : hearing before the Subcommittee on Patents, Copyrights, and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 1270 ... March 13, 1984., 85-13894

### Calcite — Utah — Garfield County.

Sand-calcite crystals from Garfield County, Utah /, 85-12737

### Calcite crystals.

Sand-calcite crystals from Garfield County, Utah /, 85-12737

## Subject Index

### Calibration.

Calibration procedure for automatic phase locking synchronizer, Weinschel engineering model 4311B option 3., 85-12277

Calibration procedure for hygrograph and thermograph system, Honeywell, model Y612X21-FH-11-111-77, Weathertronics model 5020, and Foxboro, model A127., 85-12285

Calibration procedure for peak power calibrator, Hewlett-Packard, model 8900B., 85-12287

Calibration procedure for telephone test set TA-885/U and Hewlett-Packard, model 3555B., 85-12284

### California — Maps.

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Southern California /, 85-12764

Map showing outcrops of pre-quaternary ash-flow tuffs, basin and range province, Southern California /, 85-12763

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, northern California /, 85-12758, 85-12761

### California — Maps, Topographic.

7.5 minute series (topographic) : [California]. [36121-E8-TF-024], Monterey quadrangle, California - Monterey Co., 1947 /, 85-12856

### California, Northern — Maps.

Maps showing ground-water units and withdrawal, ground-water levels, springs, and depth to ground waters, basin and range province, Northern California /, 85-12757

### California, Southern — Maps.

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Southern California /, 85-12762

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Southern California /, 85-12760

Maps showing ground-water units and withdrawal, basin and range province, Southern California /, 85-12759

### Camber (Aerofolls)

Production version of the extended NASA-Langley Vortex Lattice FORTRAN Computer Program, 85-13046

**Camp sites, facilities, etc. — Indiana — Hoosier National Forest.**

Campground information : Wayne-Hoosier National Forest Campgrounds., 85-11882

**Camp sites, facilities, etc. — Ohio — Wayne National Forest.**

Campground information : Wayne-Hoosier National Forest Campgrounds., 85-11882

**Camp sites, facilities, etc. — Oregon — Wallowa National Forest.**

Campground information : Wallowa-Whitman National Forest., 85-11881

**Camp sites, facilities, etc. — Oregon — Whitman National Forest.**

Campground information : Wallowa-Whitman National Forest., 85-11881

**Cancer — Patients.**

Help yourself : tips for teenagers with cancer : user's guide., 85-12663

**Cancer — United States.**

When cancer recurs : meeting the challenge again., 85-12662

**Cancer — United States — Diagnosis — Abstracts.**

Selected abstracts on diagnosis and treatment of testicular cancer /, 85-12669

**Cancer — United States — Psychological aspects.**

When cancer recurs : meeting the challenge again., 85-12662

**Canker (Plant disease)**

Oak sprout canker., 85-11952

**Canonical correlation (Statistics)**

Canonical solutions for unsteady flow fields, 85-13096

**Capacitors — Calibration.**

Calibration procedure for standard capacitors fixed and variable (general), 85-12281

**Capital gains tax — Law and legislation — United States.**

General explanation of the revenue provisions of the Deficit Reduction Act of 1984 : (H.R. 4170, 98th Congress; Public Law 98-369) /, 85-13935

**Capital investments — Law and legislation — United States.**

Public Works Improvement Act of 1984., 85-12582

**Capital productivity — United States.**

Increasing productivity and administrability of the tax code : hearing before the Subcommittee on Oversight of the Internal Revenue Service of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 17, 1984., 85-13840

**Capitol pages — Education.**

Final report to the Speaker, from the House of Representatives Page Board /, 85-13934

**Carbon.**

Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material, 85-13342

**Carbon dioxide.**

Analysis of carbon dioxide bands near 2.2 um, 85-13275

**Carcinogenesis.**

Radiation cancer liability : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 18, 1984., 85-13906

**Carcinogenicity testing — Indexes.**

Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661

**Carcinogens.**

Candidate sampling and analysis methods for 21 suspect carcinogens in combustion emissions /, 85-12509

**Carcinogens — Indexes.**

Survey of compounds which have been tested for carcinogenic activity /, 85-12660, 85-12661

**Career education.**

Careering after college : perspectives on lifelong learning and career development /, 85-12459

**Cargo handling — Equipment — Handbooks, manuals, etc.**

Operator's and organizational maintenance manual (including repair parts and special tools lists) together with supplemental operating maintenance and repair parts instructions (SO-MARPI) for spreader, lifting frames, NSN 3990-01-128-0089 (linefast model no. 7127-51A-20L), NSN 3990-01-128-0090 (linefast model no. 7127-51A-35L) ..., 85-12263

**Cascades (Fluid dynamics)**

The boundary layer on compressor cascade blades, 85-13244

Flutter and forced response of mistuned rotors using standing wave analysis, 85-13261

**Catalysts.**

Presentation of opportunities for the chemical industry to become involved in space experimentation, 85-13270

**Caterpillars.**

Bruce spanworm., 85-11951

**Cathode ray oscilloscope — Calibration.**

Calibration procedure for oscilloscope; AN/USM-184 (Tektronix Type 545A), AN/USM-196 and OS-159 (P)/USM-195 (Tektronix Type RM45A and Lavoie model LA265A), 85-12279

Calibration procedure for oscilloscopes AN/USM-140 and AN/USM-141 (Hewlett-Packard models 170 and 170AR), AN/USM-140A (Hickok Instrument Co., model 1807), AN/USM-140B and AN/USM-141A (Hewlett-Packard models 170B and 170BR), AN/USM-140C and AN/USM-141B (Hickok Instrument Co.) ..., 85-12280

**Cathodes.**

Development of new intercalated cathode materials for use in sodium batteries, 85-13205

**Cattle — Louisiana — Feeding and feeds.**

Deer and cattle forage selection on Louisiana pine-hardwood sites /, 85-11908

**CBO Library (U.S.) — Periodicals — Bibliography — Catalogs.**

Periodicals received by the CBO Library /, 85-13947

**Cement kilns — Environmental aspects — United States.**

Combustion modification tests on a sub-scale cement kiln for NOx reduction /, 85-12508

**Center for Drugs and Biologics (U.S.). Medical Library.**

Center for Drugs and Biologics Medical Library., 85-12684

**Central America — Foreign relations — United States.**

An Act to Implement the Eastern Pacific Ocean Tuna Fishing Agreement, Signed in San Jose, Costa Rica, March 15, 1983., 85-12574

Eastern Pacific Tuna Licensing Act of 1984, 85-12574

Joint session of Congress : message from the President of the United States transmitting his Central America policy., 85-13676

The role of the U.S. Southern Command in Central America : hearing before the Subcommittee on Western Hemisphere Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, August 1, 1984., 85-13856

**Central America — Politics and government — 1979-**

Joint session of Congress : message from the President of the United States transmitting his Central America policy., 85-13676

## Ceramic coating Testing.

### Ceramic coating — Testing.

Deposition stress effects on thermal barrier coating burner rig life, 85-13056

### Charitable uses, trusts, and foundations — United States — Directories.

Cumulative list of organizations described in section 170 (c) of the Internal Revenue Code of 1954., 85-13559

### Chelates.

Organic complexant-enhanced mobility of toxic elements in low-level wastes : annual report /, 85-13743

### Chemical evolution — Bibliography.

Publications of the Exobiology Program for 1983 : a special bibliography /, 85-13128

### Chemical industry — China.

Barium chloride from the People's Republic of China : determination of the Commission in investigation no. 731-TA-149 (final) under the Tariff Act of 1930, together with the information obtained in the investigation., 85-12983

### Chemical industry — United States.

Barium chloride from the People's Republic of China : determination of the Commission in investigation no. 731-TA-149 (final) under the Tariff Act of 1930, together with the information obtained in the investigation., 85-12983

Presentation of opportunities for the chemical industry to become involved in space experimentation, 85-13270

### Chemical processes.

ECUT, energy conversion and utilization technologies program, 85-13235

Industry, university, and research institute interest in the U.S. Department of Energy ECUT Biocatalysis Research Activity, 85-13259

### Chemical reactions — Mathematical models.

Direct simulations of chemically reacting turbulent mixing layers, 85-13391

### Chemicals — Manufacture and industry — United States — Statistics — Periodicals.

Current industrial reports. MA-28A, Inorganic chemicals /, 85-12038

Inorganic chemicals, 85-12038

### Chemicals — United States — Statistics.

Summary of trade and tariff information : benzenoid cyclic intermediates—specialty chemicals : TSUS items 401.02, 401.04, 401.12-401.16, 401.20, 401.30-401.42, 401.46-401.58, 401.64-401.68, 402.00-402.08, 402.24-402.32, 402.36 (pt.), 402.40-404.12, 404.24-404.56, 404.64-406.63, 406.73, 406.82-407.16, 408.41, and 409.38., 85-12972

### Chemistry.

Comparison of numerical techniques for integration of stiff ordinary differential equations arising in combustion chemistry /, 85-13467

### Chemotherapy — Abstracts.

Selected abstracts on effects of therapy for primary neoplasms on the development of second malignant neoplasms /, 85-12666

### Cherokee National Forest (Tenn. and N.C.)

Tennessee Wilderness Act of 1984., 85-12614

### Cherry — Pennsylvania.

Black cherry site index curves for the Allegheny Plateau /, 85-11900

### Child abuse — Law and legislation — United States.

Child sexual abuse victims in the courts : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session on oversight hearings to consider the testimony of children in sexual abuse cases, May 2 and 22, 1984., 85-13898

Federal assistance to states to prevent the abuse of children in child care facilities : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 521 ... S. 1924 ... April 11 and September 18, 1984., 85-13897

### Child abuse — United States.

Violence and abuse in American families : hearing before the Select Committee on Children, Youth, and Families, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 14, 1984., 85-13793

### Child development — Bibliography.

The Study of child growth and development and disease patterns in primitive cultures and the laboratories for slow, latent, and temperate virus infections., 85-12680

### Child molesting — United States.

Child sexual abuse victims in the courts : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session on oversight hearings to consider the testimony of children in sexual abuse cases, May 2 and 22, 1984., 85-13898

### Child rearing.

Exploring parenting /, 85-12720

### Childbirth — United States — Statistics — Periodicals.

Fertility of American women., 85-12043

## Subject Index

### Children — Diseases — Bibliography.

The Study of child growth and development and disease patterns in primitive cultures and the laboratories for slow, latent, and temperate virus infections., 85-12680

### Children — Information services — United States.

Title IV, Missing Children's Assistance Act : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4971 ... hearing held in Chicago, IL, on April 9, 1984., 85-13811

### Children — Legal status, laws, etc. — United States.

National minimum drinking age : hearing before the Subcommittee on Alcoholism and Drug Abuse of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on examining the tragedy of alcohol-related auto fatalities and whether the answer to this problem is to increase the minimum drinking age ... June 19, 1984., 85-13903

### Children — United States — States — Nutrition — Directories.

Directory of cooperating agencies /, 85-12004

### Children — United States — Wounds and injuries — Prevention.

Developing childhood injury prevention programs : an administrative guide for state maternal and child health (Title V) programs /, 85-12716

### Children as witnesses — United States.

Child sexual abuse victims in the courts : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session on oversight hearings to consider the testimony of children in sexual abuse cases, May 2 and 22, 1984., 85-13898

### Children's accidents — United States — Prevention.

Developing childhood injury prevention programs : an administrative guide for state maternal and child health (Title V) programs /, 85-12716

### Children's clothing — Statistics.

1982 census of manufactures. Preliminary report. Industry series. Children's outerwear, N.E.C. (industry 2369), 85-12027

### China — Commerce — Pacific Area.

China's trade with other Pacific rim nations : hearing before the Special Sub-

committee on U.S. Trade with China of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13824

**China — Foreign economic relations — Pacific Area.**

China's trade with other Pacific rim nations : hearing before the Special Subcommittee on U.S. Trade with China of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13824

**China — Foreign relations — United States.**

Controls on exports to the People's Republic of China : hearing before the Subcommittee on International Economic Policy and Trade of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, first session, November 17, 1983., 85-13850

The United States and China : communication from the speaker transmitting a report to the United States House of Representatives., 85-13678

**China — Politics and government — 1976-**

The United States and China : communication from the speaker transmitting a report to the United States House of Representatives., 85-13678

**Chinese Americans — Education — United States.**

Mathematics learning styles of Chinese immigrant students : final research report /, 85-12445

Nonverbal factors in the education of Chinese American children : a film study /, 85-12470

**Chromium — Maps.**

Map showing the distribution and abundance of nickel and chromium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12800

**Citrus fruits — United States — Statistics — Periodicals.**

Citrus fruits. Revised estimates, by states., 85-11851

**Civil defense — Congresses.**

Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 /, 85-12451

**Civil defense — Handbooks, manuals, etc.**

Disaster preparedness specialist (AFSC 24250) /, 85-12384

**Civil engineering — United States — Handbooks, manuals, etc.**

Environmental support specialist (AFSC 56651) /, 85-12399

**Civil procedure — United States.**

Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes., 85-13005

Rules Enabling Act : hearings before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first and second sessions, on oversight and H.R. 4144 ... April 21, 1983, and March 1, 1984., 85-13890

Witness Protection Act : hearing before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3086 ... June 22, 1983., 85-13891

**Civil rights — Addresses, essays, lectures.**

Rededication to the cause of human rights : December 10, 1984 /, 85-13519

**Civil rights — Albania.**

Human rights in Albania : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, January 25, 1984., 85-13852

**Civil rights — Periodicals.**

Country reports on human rights practices : report submitted to the Committee on Foreign Relations, U.S. Senate and Committee on Foreign Affairs, U.S. House of Representatives by the Department of State in accordance with sections 116(d) and 502B(b) of the Foreign Assistance Act of 1961, as amended., 85-13864

Implementation of Helsinki Final Act /, 85-13536

**Civil rights — United States.**

Civil Rights Act of 1984 : joint hearing before the Subcommittee on Education, Arts, and Humanities and the Subcommittee on the Handicapped of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2568 ..., 85-13900

Toward an understanding of Stotts., 85-12126

**Civil service — Study and teaching**

(Internship) — United States — Periodicals.

The White House fellowships., 85-13495

**Civil service — United States.**

Blowing the whistle in the federal government : a comparative analysis of

1980 and 1983 survey findings : a report of the U.S. Merit Systems Protection Board, Office of Merit Systems Review and Studies., 85-13030

**Civil Service — United States —**

**Examinations.**

Project hire., 85-13560

**Civil service — United States —**

**Management.**

Training and planning guide for management analysts., 85-13491

**Civil service — United States — Minority**

**employment — Statistics — Periodicals.**

Affirmative employment statistics., 85-13487

**Civil service pensions — Law and legislation — United States.**

An Act to Provide Retirement Equity for Former Spouses of Civil Service Retirees, and for Other Purposes., 85-12634

Civil Service Retirement Spouse Equity Act of 1984., 85-12634

**Claims.**

Problem of delays in processing Federal Employees' Compensation Act (FECA) claims at the Boston District Office of Workers' Compensation Programs : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, October 12, 1984., 85-13868

State laws and regulations governing settlement of highway construction contract claims and claim disputes., 85-13597

**Clay industries — United States — Statistics — Periodicals.**

Clay construction products, 85-12036

Current industrial reports. M-32D, Clay construction products /, 85-12036

**Clay soils.**

Ten-year growth of five planted hardwood species with mechanical weed control on Sharkey clay soil /, 85-11928

**Clearing of securities — United States.**

Index of releases /, 85-13543

**Clemente Ruiz Nazario United States**

**Courthouse (Hato Rey, P.R.)**

An Act to Designate the United States Courthouse Building in Hato Rey, Puerto Rico, as the "Clemente Ruiz Nazario United States Courthouse.", 85-12619

**Clergy — Housing — Taxation — United States.**

Charitable contributions and ministers' and military housing deductions : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 377 and S. 2017, September 26, 1984., 85-13844

**Clothing, Waterproof — Statistics.**

1982 census of manufactures. Preliminary report. Industry series. Waterproof outer garments (industry 2385), 85-12028

**Clothing trade — United States — Statistics.**

1982 census of manufactures. Preliminary report. Industry series. Men's and boys' clothing, N.E.C. (industry 2329), 85-12026

**Clouds — United States.**

Local effects of partly-cloudy skies on solar and emitted radiations, 85-13218

**Clouds — United States — Photographs from space.**

Cloud cover typing from environmental satellite imagery, 85-13316

**Coal — Research — United States.**

Magnetohydrodynamics and the National Coal Science, Technology, and Engineering Development Acts : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 1278 ... S. 1925 ... April 9, 1984., 85-13819

**Coal — United States — Sulphur content.**

Correlation of coal properties with environmental control technology needs for sulfur and trace elements /, 85-12507

**Coal-fired furnaces.**

Development of criteria for extension of applicability of low-emission, high-efficiency coal burners : fourth annual report /, 85-12514

**Coal gasification — Great Plains.**

Great Plains coal gasification project : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, October 18, 1983., 85-13866

**Coal mines and mining — Environmental aspects — Montana — Big Horn County.**

Westmoreland Resources' Absaloka Mine revised plan : final environmental impact statement., 85-12732

**Coal mines and mining — Environmental aspects — United States.**

Correlation of coal properties with environmental control technology needs for sulfur and trace elements /, 85-12507

**Coal mines and mining — Environmental aspects — Utah.**

Hydrologic reconnaissance of the Kolob, Alton, and Kaiparowits Plateau coal fields, south-central Utah, 85-12826

**Coal mines and mining — United States.**

Enhanced coal technology : hearing before the Subcommittee on Energy and Mineral Resources of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, first session, on enhanced coal technology : coal's market for the eighties, August 9, 1983., 85-13823

**Coal trade — United States.**

Status of coal supply contracts for new electric generating units : 1983-1992., 85-12419

**Coastal engineering — United States.**

Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies, 85-13242, 85-13420

**Coatings — Thermal properties.**

Modeling degradation and failure of Ni-Cr-Al overlay coatings, 85-13057

Program for development of strain tolerant thermal barrier coating systems, 85-13237

**Cobalt — Maps.**

Map showing the distribution and abundance of cobalt in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12798

**Coding theory.**

"An extended d(min) = 4 RS code", 85-13282

Cut-off rate calculations for the outer channel in a concatenated coding system, 85-13278

The development of efficient coding for an electronic mail system, 85-13227

Fast decoding of a d(min) = 6 RS code, 85-13283

"Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes", 85-13281

"On the undetected error probability of a concatenated coding scheme for error control", 85-13279

**Coffee — Law and legislation — United States.**

International Coffee Agreement, 1983 : message from the President of the United States transmitting the Interna-

tional Coffee Agreement, 1983, signed by the United States on March 23, 1983., 85-13662

**Cognition in children.**

In pursuit of wild geese : teaching creative thinking : Smithsonian approach /, 85-13544

**Cold — Physiological effect.**

Blood volume responses in partially dehydrated subjects working in the cold /, 85-12341

**Collection laws — United States.**

Amendment of the Debt Collection Act of 1982 : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on S. 376 ... October 19, 1983., 85-13888

**Collective labor agreements — Construction industry — United States.**

Regulations, part 5 : labor standards provisions applicable to contracts covering federally financed and assisted construction : title 29, part 5 of the Code of Federal Regulations., 85-13016

**Collective labor agreements — Government employees — United States — Cases.**

Decisions of the Federal Labor Relations Authority., 85-13699, 85-13700

**College facilities — United States — Finance.**

Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report /, 85-13919

**College freshmen — United States — Statistics.**

The American freshman : national norms for fall 1983 /, 85-12457

**College students — United States — Attitudes.**

Occupational aspirations and intended field of study in college /, 85-12443

**Colonial National Historical Park (Va.)**

Jamestown, a beginning., 85-12945

**Colorado River Watershed (Colo.-Mexico)**

1984 evaluation of salinity control programs in the Colorado River basin /, 85-12902

**Colored people (South Africa) — Relocation.**

South Africa legislation : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on Africa, House of Representatives, Ninety-eighth Congress, second session, April 10; August 1; September 6,

1984, on H. Res. 430, H. Con. Res. 122, H. Con. Res. 42., 85-13855

**Colville National Forest (Wash.) — Maps.**  
Colville National Forest firewood map., 85-11883

#### **Combustion.**

Combustion characteristics in the transition region of liquid fuel sprays, 85-13430

Combustion gas properties : I-ASTM jet A fuel and dry air /, 85-13465

Comparison of numerical techniques for integration of stiff ordinary differential equations arising in combustion chemistry /, 85-13467

Control of wood stove emissions using improved secondary combustion /, 85-12505

Laser-initiated combustion studies on metallic alloys in pressurized oxygen /, 85-12089

#### **Combustion — Environmental aspects — United States.**

Candidate sampling and analysis methods for 21 suspect carcinogens in combustion emissions /, 85-12509

#### **Combustion engineering — United States.**

An experimental investigation of gas jets in confined swirling air flow /, 85-13141

#### **Combustion gases.**

Miniature acid-condensation system : design and operation /, 85-12498

#### **Combustion gases — Environmental aspects — United States.**

Evaluation of natural- and forced-draft staging air systems for nitric oxide reduction in refinery process heaters /, 85-12510

#### **Comic books, strips, etc. — United States.**

Cartoons and comic strips., 85-13021

#### **Commerce.**

International countertrade : a guide for managers and executives /, 85-12120

#### **\*Commerce — United States — Legislation CFR. 16, Commercial practices, 85-12563**

Code of Federal regulations. 16, Commercial practices., 85-12563

Commercial practices, 85-12563

#### **Commercial art — United States — Periodicals.**

Design arts., 85-13468

#### **Commercial products — Classification — Periodicals.**

Schedule E commodity groupings by world area and country, 85-12042

U.S. exports. Schedule E commodity groupings by world area and country., 85-12042

U.S. general imports. World area and country of origin by schedule A commodity groupings., 85-12041

US exports. Schedule E commodity groupings by world area and country, 85-12042

US general imports. World area and country of origin by schedule A commodity groupings, 85-12041

World area and country of origin by schedule A commodity groupings, 85-12041

#### **Commercial products — Statistics — Periodicals.**

U.S. general imports. World area and country of origin by schedule A commodity groupings., 85-12041

US general imports. World area and country of origin by schedule A commodity groupings, 85-12041

World area and country of origin by schedule A commodity groupings, 85-12041

#### **Commercial products — United States — Classification — Periodicals.**

U.S. general imports. World area and country of origin by schedule A commodity groupings., 85-12041

US general imports. World area and country of origin by schedule A commodity groupings, 85-12041

World area and country of origin by schedule A commodity groupings, 85-12041

#### **Commercial products — United States — Statistics — Periodicals.**

Schedule E commodity groupings by world area and country, 85-12042

U.S. exports. Schedule E commodity groupings by world area and country., 85-12042

U.S. general imports. World area and country of origin by schedule A commodity groupings., 85-12041

US exports. Schedule E commodity groupings by world area and country, 85-12042

US general imports. World area and country of origin by schedule A commodity groupings, 85-12041

World area and country of origin by schedule A commodity groupings, 85-12041

#### **Commodity exchanges — United States.**

A Study of the effects on the economy of trading in futures and options /, 85-13766

#### **\*Communicable Disease Control — periodicals.**

Health information for international travel., 85-12698

#### **Communicable diseases — United States.**

Conducting an initial assessment : feedback for criterion test., 85-12705

Conducting surveillance of infections : criterion test., 85-12703

Investigating infection problems : criterion test., 85-12704

#### **Communication — United States —**

**Equipment and supplies — Maintenance and repair — Handbooks, manuals, etc.**  
2-line and 8-line communications multiplexors maintenance manual., 85-12372

#### **Communication in education — United States.**

Collaborative for Alabama Urban School Educators : final report /, 85-12469

#### **Communication of technical information — United States.**

Understanding a technical language, 85-13105

#### **Communications, Military — Handbooks, manuals, etc.**

Airborne communications systems operator (AFSC 11650) /, 85-12382

#### **Communications Satellite Corporation — Appointments, promotions, salaries, etc.**

Nominations—February-May : hearings before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, first session, nominations, February 4, 1983 ... April 20, 1983 ... May 10, 1983 ..., 85-13797

#### **Community and college — United States.**

Public service in higher education : practices and priorities /, 85-12460

#### **Community development.**

Community development., 85-13482

#### **Community development — United States — Finance.**

Community services block grant : new state role brings program and administrative changes : report to the Congress /, 85-12535

#### **Community development — United States — Periodicals.**

Annual report to Congress. Indian and Alaska native housing and community development programs, 85-12725

Department of Housing and Urban Development annual report to Congress on Indian and Alaska native housing and community development programs., 85-12725

**Community health services — United States — Bibliography.**  
Community health education resources, 85-12706

**Community health services — United States — Statistics.**  
Use of services for family planning and infertility : United States, 1982 /, 85-12690

**Compensation (Law) — United States.**  
Medical care cost recovery : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4666 ... March 7, 1984., 85-13889

**Competition — United States.**  
General Services Administration management initiatives to increase competition within the federal supply schedule : hearing before a subcommittee on the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 9, 1984., 85-13871

S. 2489, the Small Business Competition Enhancement Act of 1984 and S. 2434, a bill to amend section 15 of the Small Business Act by requiring the assignment of breakout procurement center representatives : hearings before the Committee on Small Business, United States Senate, Ninety-eighth Congress, second session ... April 6 and 12, 1984., 85-13933

**Small Business and Federal Procurement Competition Enhancement Act of 1984., 85-12613**

Spare parts legislation : hearing before the Task Force on Selected Defense Procurement Matters of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, S. 2489 ... S. 2571 ... S. 2572 ... May 16, 1984., 85-13789

#### **Competition, International.**

Competitive conditions in the U.S. civil aircraft industry and forest products industry : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 9, 1984, Seattle, Washington., 85-13943

#### **Composite materials.**

Composite laminates with negative through-the-thickness Poisson's ratios, 85-13288

Deformation measurements of composite multi-span beam shear specimens by moiré interferometry /, 85-13145

Simplified composite micromechanics equations for strength, fracture toughness, impact resistance and environmental effects, 85-13066

Space radiation effects on graphite-epoxy composite materials, 85-13088

#### **Compressors — Blades.**

Abrasive tip treatment for use on compressor blades, 85-13395

#### **Compromise (Law) — United States.**

Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes., 85-13005

#### **Computer animation.**

Computer generated animation and movie production at LARC, 85-13202

#### **Computer-assisted instruction — Computer programs — Evaluation.**

MicroSIFT courseware evaluations /, 85-12462

#### **Computer-assisted instruction — United States.**

Microcomputers in elementary and secondary education : a guide to the resources /, 85-12461

#### **Computer graphics.**

Uniform apparent contract noise, 85-13104

XSECT, 85-13044

#### **Computer industry — Research — United States.**

Information technology R&D : critical trends and issues : summary., 85-13755

#### **Computer managed instruction — Computer programs — Evaluation.**

MicroSIFT courseware evaluations /, 85-12462

#### **Computer networks.**

Considerations on command and response language features for a network of heterogeneous autonomous computers, 85-13117

#### **Computer programmers — Training of — United States.**

ITC resources catalogue., 85-13645

#### **Computer programs.**

A Competitive assessment of the United States software industry., 85-12118

An Interval logic for higher-level temporal reasoning, 85-13185

Measures and metrics for software development, 85-13091

Office of Software Development and Information Technology., 85-12553

#### **Computer programs — Testing.**

Management of CAD/CAM information, 85-13124

#### **Computer simulation.**

Development of dynamic simulation of TF34-GE-100 turbofan engine with post-stall capability, 85-13053

Documentation and preliminary validation of H20TRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

#### **Computer storage devices.**

Investigation of fast initialization of spacecraft bubble memory systems, 85-13103

NIMBUS observation processing system requirements document #NG-13, 85-13087

Reed Solomon codes for error control in byte organized computer memory systems : final report, phase II, 85-13359

#### **Computers — Bibliography — Catalogs.**

Computers : a selection of books for sale by the Superintendent of Documents., 85-12538

#### **Computers — Handbooks, manuals, etc.**

HP 1000 E-series computer, HP 2109B and HP 2113B installation and service manual., 85-12371

#### **Computers — Reliability — Mathematical models.**

CARE III model overview and user's guide, 85-13095

#### **Computers — Technological innovations.**

Information technology R&D : critical trends and issues : summary., 85-13755

#### **Concrete — Computer programs.**

CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions /, 85-13738

#### **Concrete mixers — Maintenance and repair — Handbooks, manuals, etc.**

Organizational, direct support and general support maintenance repair parts and special tools lists : drier-mixer, bituminous-concrete materials, wheel mounted, gasoline engine driven, 2 wheel, pneumatic tires, 3 to 10 ton per hr. (NSN 3895-00-755-4761) : Wylie model PM-415-MIL., 85-12255

#### **Conference on Security and Cooperation in Europe (1975 : Helsinki, Finland) — Periodicals.**

Implementation of Helsinki Final Act /, 85-13536

**Congaree Swamp National Monument**  
(Columbia, S.C.)

An Act to Amend the Act Authorizing the Establishment of the Congaree Swamp National Monument to Provide That at Such Time as the Principal Visitor Center Is Established, Such Center Shall Be Designated as the "Harry R.E. Hampton Visitor Center," and for Other Purposes., 85-12586

**Congestive heart failure.**

Cardiomiopatia congestiva., 85-12654  
Congestive cardiomyopathy /, 85-12653

**Conglomerate — Alaska — Brooks Range.**

Stratigraphic nomenclature for the upper Devonian and lower Mississippian (?) Kanayut Conglomerate, Brooks Range, Alaska /, 85-12736

**Conglomerate corporations — United States.**

Future of independent marketers in the post-merger petroleum marketplace : joint hearing before the Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business and the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, April 11, 1984., 85-13931

**Conifers — Colorado.**

Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

**Conifers — Oregon.**

Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

**Connecticut — Maps, Topographic.**

7.5 minute series (topographic) : [Connecticut]. 41071-C8-TF-024, Mystic quadrangle, Connecticut - New York - Rhode Island /, 85-12859

7.5 minute series (topographic) : [Connecticut]. 41072-D6-TF-024, Durham quadrangle, Connecticut, 1964 /, 85-12860

7.5 minute series (topographic) : [Connecticut]. 41072-E8-TF-024, Southington quadrangle, Connecticut, 1968 /, 85-12861

7.5 minute series (topographic) : [Connecticut]. 41073-C3-TF-024, Botsford quadrangle, Connecticut - Fairfield Co., 1969 /, 85-12862

7.5 minute series (topographic) : [Connecticut]. 41073-G 3-TF-024, Cornwall quadrangle, Connecticut - Litchfield Co., 1956 /, 85-12863, 85-12864

**Connective tissues — Diseases — Research — United States — Periodicals.**

Arthritis, rheumatic diseases, and related disorders., 85-12672

NIADDK research advances, 85-12672

NIAMDD research advances, 85-12672

**Conservation of natural resources —****Arizona.**

Proposed wilderness program for the Phoenix Wilderness EIS area : Maricopa, Mohave, Pima, Pinal and Yavapai Counties, Arizona /, 85-12729

**Conservation of natural resources — United States — Periodicals.**

CFR. 10, Energy, 85-12560

Code of federal regulations. 10, Energy., 85-12560

Energy, 85-12560

**Construction equipment industry — United States — Statistics.**

1982 census of manufactures. Preliminary report. Industry series. Construction machinery (industry 3531), 85-12032

**Construction industry — United States — Statistics.**

1982 census of construction industries. Industry series. General contractors, residential buildings, other than single-family houses, industry 1522., 85-12046

**Consumer education — Bibliography — Catalogs.**

Home economics., 85-12551

**Consumer protection — Law and legislation — United States — Periodicals.**

CFR. 16, Commercial practices, 85-12563

Code of Federal regulations. 16, Commercial practices., 85-12563

Commercial practices, 85-12563

**Contact lenses.**

The contact lens industry : structure, competition, and public policy /, 85-13754

**Contact lenses — Government policy — United States.**

The contact lens industry : structure, competition, and public policy /, 85-13754

**Containers.**

Alternative containers for low-level wastes containing large amounts of tritium /, 85-13741

**Contamination (Technology)**

Toxic chemicals : what they are, how they affect you., 85-12482

**Continental shelf — United States.**

Offshore installations emergency evacuation : hearing before the Subcommittee

tee on Panama Canal/Outer Continental Shelf of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6291 ... October 4, 1984., 85-13910

**Contraception — United States.**

Use of contraception in the United States, 1982 /, 85-12689

**Cookery, Military.**

Standard "B" ration for the armed forces., 85-12266

**Copper — Maps.**

Map showing the distribution and abundance of copper in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12797

**Copyright — Broadcasting rights — United States.**

The Free Market Copyright Royalty Act of 1983 : hearing before the Subcommittee on Patents, Copyrights, and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 1270 ... March 13, 1984., 85-13894

**Copyright — United States.**

International copyright relations of the United States., 85-13020

**Copyright, International.**

International copyright relations of the United States., 85-13020

Oversight on international copyrights : hearing before the Subcommittee on Patents, Copyrights and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on how to protect the nation's creativity by protecting the value of intellectual property, September 25, 1984., 85-13896

**Copyright licenses — United States.**

Cartoons and comic strips., 85-13021

**Corn industry — United States.**

Corn : background for 1985 farm legislation., 85-11864

**Corporation for Public Broadcasting — Appointments, promotions, salaries, etc.**

Nominations—February-May : hearings before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, first session, nominations, February 4, 1983 ... April 20, 1983 ... May 10, 1983 ..., 85-13797

**Corporations — Alaska.**

Shee Atika, Inc. : hearing before the Select Committee on Indian Affairs,

- United States Senate, Ninety-eighth Congress, first session, on an inquiry into the affairs of Shee Atika, Inc., November 2 and 3, 1983, Washington, DC., 85-13880
- Corporations — Taxation — United States.**  
General explanation of the revenue provisions of the Deficit Reduction Act of 1984 : (H.R. 4170, 98th Congress; Public Law 98-369) /, 85-13935  
Tax information on corporations., 85-13570, 85-13571
- Corporations — Taxation — United States — Statistics — Periodicals.**  
Corporation income tax returns documentation guide, 85-13564  
Documentation guide, 85-13564  
SOI corporation documentation guide, 85-13564  
Statistics of income. Corporation income tax returns documentation guide., 85-13564
- Corporations, Foreign — Taxation — United States — States.**  
Unitary tax : hearing before the Subcommittee on International Economic Policy of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 20, 1984., 85-13863
- Correctional institutions — United States — Bibliography — Catalogs.**  
Courts and correctional institutions., 85-12542
- Correctional personnel — Government policy — United States.**  
Federal assistance to states to prevent the abuse of children in child care facilities : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 521 ... S. 1924 ... April 11 and September 18, 1984., 85-13897
- Corrosion and anti-corrosives.**  
In-situ measurements of alloy oxidation/corrosion/erosion using a video camera and proximity sensor with microcomputer control, 85-13058
- Corrosion and anti-corrosives — Handbooks, manuals, etc.**  
Corrosion control /, 85-12407
- Cosmochemistry.**  
Crystal growth of device quality GaAs in space, 85-13337  
Presentation of opportunities for the chemical industry to become involved in space experimentation, 85-13270
- Cost effectiveness.**  
Needs assessment summary : cost analysis, policy analysis, and other evaluation methods /, 85-12446
- Cotton — United States — Moisture.**  
Early warning and crop condition assessment, 85-13418
- Cotton gins and ginning — United States — Statistics — Periodicals.**  
Cotton ginnings in the United States., 85-12035
- Cotton growing — United States — Statistics — Periodicals.**  
Cotton ginnings in the United States., 85-12035
- Cotton trade — United States.**  
Cotton : background for 1985 farm legislation., 85-11869
- Cottonwood — Growth.**  
Growth, thinning treatments, and soil properties in a 10-year-old cottonwood plantation on a clay site /, 85-11927
- Counterpart funds — United States — Statistics — Periodicals.**  
Foreign currencies held by the U.S. government, 85-13582  
Report on foreign currencies held by the U.S. Government., 85-13582
- Court administration — United States — States.**  
State Justice Institute Act of 1984 : report (to accompany S. 384)., 85-13669
- Court rules — United States.**  
Amendments to the rules of criminal procedure for the U.S. district courts : communication from the Chief Justice of the United States transmitting amendments to the rules of criminal procedure for the U.S. district courts, adopted by the Supreme Court pursuant to 18 U.S.C. 3771 and 3772, together with the report of the Judicial Conference of the United States submitted to the Court pursuant to 28 U.S.C. 331., 85-13677
- Courts — New York (State) — Rockland County.**  
Financial assistance to Rockland County, NY, in the Brinks robbery trial : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5763 ... September 19, 1984., 85-13886
- Courts — United States — Bibliography — Catalogs.**  
Courts and correctional institutions., 85-12542
- Courts-martial and courts of inquiry — United States.**  
Military justice., 85-13267
- Crab Nebula.**  
High resolution hard x-ray spectra of solar and cosmic sources, 85-13266
- Cranberries — United States — Statistics — Periodicals.**  
Cranberries /, 85-11975
- Craters of the Moon National Monument (Idaho) — Maps.**  
Craters of the Moon National Monument vegetation type map /, 85-12949
- Creative thinking (Education)**  
In pursuit of wild geese : teaching creative thinking : Smithsonian approach /, 85-13544
- Creative writing (Higher education)**  
Research in effective teaching of writing : phase I : final report /, 85-12453
- Creosote.**  
Wood preservative pesticides : creosote, pentachlorophenol, and the inorganic arsenicals., 85-12523
- Crime and criminals — United States.**  
Crime and violence in the media : hearing before the Subcommittee on Crime of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session ... April 13, 1983., 85-13885
- Crime and criminals — United States.**  
Witness Protection Act : hearing before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3086 ... June 22, 1983., 85-13891
- Crime and criminals — United States — Handbooks, manuals, etc.**  
Handbook on the Comprehensive Crime Control Act of 1984 and other criminal statutes enacted by the 98th Congress., 85-12989
- Crime and criminals — United States — Identification.**  
Automated fingerprint identification : regional application of technology /, 85-12994
- Crime in television.**  
Crime and violence in the media : hearing before the Subcommittee on Crime of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session ... April 13, 1983., 85-13885

**Crime prevention — New Jersey.**

How to protect yourself against crime., 85-12231

**Crime prevention — United States.**

The Crime prevention activity book., 85-12999

"Have fun coloring and learn how to prevent crime too!": the crime prevention coloring book., 85-12232

**Criminal investigation — United States.**

Financial investigative techniques money laundering., 85-12993

Shoe and tire impression evidence /, 85-12997

**Criminal justice, Administration of — United States — Bibliography.**

Expanding knowledge in criminal justice : publications of the National Institute of Justice, cumulative supplement 1978-1982 /, 85-13004

**Criminal justice, Administration of — United States — Costs — Statistics.**

Justice expenditure and employment in the United States, 1971-79., 85-13007

**Criminal justice, Administration of — United States — Handbooks, manuals, etc.**

Handbook on the Comprehensive Crime Control Act of 1984 and other criminal statutes enacted by the 98th Congress., 85-12989

**Criminal justice, Administration of — United States — Periodicals.**

Criminal Division : [annual report] /, 85-12987

**Criminal justice personnel — United States — Statistics.**

Justice expenditure and employment in the United States, 1971-79., 85-13007

**Criminal law — United States.**

Criminal Fine Enforcement Act of 1984., 85-12623

**Criminal procedure — United States.**

Amendments to the rules of criminal procedure for the U.S. district courts : communication from the Chief Justice of the United States transmitting amendments to the rules of criminal procedure for the U.S. district courts, adopted by the Supreme Court pursuant to 18 U.S.C. 3771 and 3772, together with the report of the Judicial Conference of the United States submitted to the Court pursuant to 28 U.S.C. 331., 85-13677

Rules Enabling Act : hearings before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first and second sessions, on oversight and H.R. 4144 ...

April 21, 1983, and March 1, 1984., 85-13890

**Critical point.**

A review of supercritical fluid extraction /, 85-12087

**Crop yields — Developing countries.**

Crop output growth : changes in component contributions for six developing countries /, 85-11993

**Crop yields — United States.**

Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation /, 85-11986

**Cuprous bromide — Thermal properties.**

High-temperature relative enthalpies of CuBr /, 85-12907

**Curve fitting.**

Rational-spline approximation with automatic tension adjustment /, 85-13466

**Customer service — United States.**

Customer services national telephone directory., 85-13477

**Customs administration — United States.**

Customs valuation rulings under the Trade Agreements Act of 1979., 85-13555

Drawback : a duty refund on certain exports., 85-13556

**Customs appraisal — United States.**

Customs valuation rulings under the Trade Agreements Act of 1979., 85-13555

**Cybernetics.**

Edge analyzing properties of center/surround response functions in cybernetic vision, 85-13094

**Cylinders.**

Complex eigenvalues for the stability of couette flow, 85-13179

**Cyprus — Description and travel.**

Background notes, Cyprus., 85-13526

**Cyprus — Politics and government.**

Settlement of the Cyprus question : communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary General of the United Nations, pursuant to 22 U.S.C. 2373(c)., 85-13680

**Cystic fibrosis — Research — United States — Periodicals.**

Cystic fibrosis., 85-12673

NIADDK research advances, 85-12673

**D****Dairy laws — United States.**

Milk Producers Prompt Payment Act of 1984 : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5037, July 26, 1984., 85-13772

**Dairy products — Cooperative marketing.**

Marketing operations of dairy cooperatives /, 85-12009

**Dairying — United States.**

Dairy : background for 1985 farm legislation., 85-11867

**Dairying, Cooperative.**

Marketing operations of dairy cooperatives /, 85-12009

**Dairying, Cooperative — United States.**

Marketing operations of dairy cooperatives /, 85-12009

**Dams — Design and construction.**

Design of small dams., 85-12903

**Data transmission systems.**

Satellite data transmission (SDT) requirement, 85-13410

**Death — Causes — Statistics.**

Public use data tape documentation : multiple cause of death for ICD-9 1981 data., 85-12688

**Debts, Public — Law and legislation — United States.**

Amendment of the Debt Collection Act of 1982 : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on S. 376 ... October 19, 1983., 85-13888

**Debts, Public — United States.**

United States of America, treasury notes of August 15, 1987, series P-1987., 85-13554

United States of America, treasury notes of July 31, 1986, series W-1986., 85-13553

**Decision-making.**

The use of research knowledge in teacher education and teaching /, 85-12473

**Deer — Louisiana — Feeding and feeds.**

Deer and cattle forage selection on Louisiana pine-hardwood sites /, 85-11908

**Defense contracts — United States.**

Hearing on H.R. 5256, to authorize the Inspector General of the Department of Defense to take certain extraordinary

- nary actions to reform contracts of the Department of Defense, before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, April 26, 1984., 85-13784
- S. 2489, the Small Business Competition Enhancement Act of 1984 and S. 2434, a bill to amend section 15 of the Small Business Act by requiring the assignment of breakout procurement center representatives : hearings before the Committee on Small Business, United States Senate, Ninety-eighth Congress, second session ... April 6 and 12, 1984., 85-13933
- Small Business and Federal Procurement Competition Enhancement Act of 1984., 85-12613
- Defense contracts — United States — Statistics — Periodicals.**  
Prime contract awards in labor surplus areas /, 85-12136, 85-12137, 85-12138, 85-12139
- Defense Intelligence School (U.S.) — Curricula — Periodicals.**  
Academic catalog, 85-12143  
Catalog /, 85-12143
- Defoliation.**  
Panoramic aerial photography for assessing foliage protection achieved by aerial sprays directed against the gypsy moth., 85-11879
- Deformations (Mechanics).**  
Deformation measurements of composite multi-span beam shear specimens by moire interferometry /, 85-13145
- Degrees, Academic — United States.**  
Occupational aspirations and intended field of study in college /, 85-12443
- Delphi method.**  
Identification and assessment of anticipated major changes in control rooms /, 85-13742
- Democracy — Addresses, essays, lectures.**  
Strength and diplomacy : toward a new consensus?, 85-13523
- Dendroctonus.**  
A passive aerial barrier trap suitable for sampling flying bark beetles /, 85-11915
- Denmark Strait (Greenland and Iceland) — Navigation.**  
Denmark Strait, Greenland (Denmark)-east coast, Kap Gustav Holm sheet /, 85-12179  
Denmark Strait, Greenland (Denmark)-east coast, Lemon Bugt to Storo /, 85-12178
- Depression, Mental — United States.**  
Seasonal affective disorder and phototherapy /, 85-12709
- Depression in children.**  
Adolescence and depression., 85-12707
- Desert ecology — California.**  
Proposed 1984 plan amendments to the California Desert Conservation Area plan of 1980 : draft environmental assessment., 85-12964
- Deserts — California.**  
Proposed 1984 plan amendments to the California Desert Conservation Area plan of 1980 : draft environmental assessment., 85-12964
- Detectors**  
Borehole logging for radium-226 : recommended procedures and equipment /, 85-13726
- Detroit Edison Company.**  
Safety evaluation report related to the operation of Enrico Fermi Atomic Power Plant, Unit no. 2, docket no. 50-341 : Detroit Edison Company, et al., 85-13707
- Developing countries.**  
International countertrade : a guide for managers and executives /, 85-12120
- Development banks — Law and legislation — United States.**  
Maritime redevelopment : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on Maritime policy and regional economic development—Part 2, January 18, 1984, New Orleans, LA; ... April 30, 1984, New York, NY; Maritime Redevelopment Bank Act (H.R. 3399), June 20 and August 8, 1984, Washington, DC, November 9, 1984, Oakland CA., 85-13909
- Diabetes — Research — United States — Periodicals.**  
Diabetes mellitus., 85-12674  
Research advances, 85-12674
- Diagnosis — Data processing.**  
Computer-assisted diagnosis program for acute abdominal pain /, 85-12342
- Diatomaceous earth — Arizona — Maps.**  
Mineral resource potential of the Silver City 1°x 2° quadrangle, New Mexico-Arizona, 85-12839
- Diatomaceous earth — New Mexico — Maps.**  
Mineral resource potential of the Silver City 1°x 2° quadrangle, New Mexico-Arizona, 85-12839
- Diesel motor exhaust gas.**  
Studies of particulate removal from diesel exhaust /, 85-12503
- Diethylstilbestrol.**  
A followup study of mothers exposed to diethylstilbestrol in pregnancy /, 85-12670
- Dietitians — United States.**  
Diet therapy specialist (AFSC 62251) /, 85-12400
- Differential equations.**  
Comparison of numerical techniques for integration of stiff ordinary differential equations arising in combustion chemistry /, 85-13467  
Construction of finite difference schemes having special properties for ordinary and partial differential equations, 85-13311
- Differential equations, Hyperbolic.**  
Multidimensional explicit difference schemes for hyperbolic conservation laws, 85-13181
- Differential equations, Partial.**  
Construction of finite difference schemes having special properties for ordinary and partial differential equations, 85-13311
- Digestive organs — Diseases.**  
Chronobiology and the digestive system : proceedings of a meeting held at the University of Minnesota in September 1981., 85-12649
- Digestive organs — Diseases — Research — United States — Periodicals.**  
Digestive diseases., 85-12675  
NIADDK research advances, 85-12675  
NIAMDD research advances, 85-12675
- Digital computer simulation.**  
Dataflow computing approach in high-speed digital simulation, 85-13258  
The VERRUN and VERNAL software systems for steady-state visual evoked experimentation, 85-13197
- Digital electronics.**  
The effects of solar incidence angle over digital processing of LANDSAT data, 85-13371
- Digital filters (Mathematics)**  
Radar data smoothing filter study, 85-13161
- Dikes (Engineering) — Texas.**  
Furrow dike water conservation practices in the Texas High Plains /, 85-11853
- Diodes, IMPATT.**  
V-band IMPATT transmitter, 85-13416

**Diplomacy — Addresses, essays, lectures.**

Strength and diplomacy : toward a new consensus?, 85-13523

**Diplomatic and consular service in the United States — Directories.**

Handbook for service attaches accredited to the Department of the Air Force., 85-12374

**Direct energy conversion.**

ECUT energy conversion and utilization technologies program, 85-13338

The kinematic stirling engine as an energy conversion subsystem for paraboloidal dish solar thermal power plants, 85-13313

**Disarmament.**

Review of arms control and disarmament activities, 98th Congress : report of the Special Panel on Arms Control and Disarmament of the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13782

**Disaster relief — United States.**

Governor's checklist for emergency and major-disaster declarations., 85-12527

**Discrimination — United States.**

Civil Rights Act of 1984 : joint hearing before the Subcommittee on Education, Arts, and Humanities and the Subcommittee on the Handicapped of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2568 ...., 85-13900

**Discrimination in employment — United States.**

Toward an understanding of Stotts., 85-12126

**Diseases — Reporting — United States.**

Conducting an initial assessment : feedback for criterion test., 85-12705

Conducting surveillance of infections : criterion test., 85-12703

Investigating infection problems : criterion test., 85-12704

**District of Columbia Employment Security Building.**

Transfer of D.C. Employment Security Building : hearing before the Subcommittee on Fiscal Affairs and Health of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3707 ... October 25, 1983., 85-13802

**Divorced people — Legal status, laws, etc. — United States.**

An Act to Provide Retirement Equity for Former Spouses of Civil Service Retirees, and for Other Purposes., 85-12634

Civil Service Retirement Spouse Equity Act of 1984., 85-12634

**Dominican Republic — Maps.**

Dominican Republic., 85-13506, 85-13507

**Donation of organs, tissues, etc. — United States.**

An Act to Provide for the Establishment of the Task Force on Organ Transplantation and the Organ Procurement and Transplantation Network, to Authorize Financial Assistance for Organ Procurement Organizations, and for Other Purposes., 85-12587

National Organ Transplant Act, 85-12587

**Donkeys — Control — Government policy — United States — Periodicals.**

Administration of the Wild Free-Roaming Horse and Burro Act, 85-12733

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

**Donkeys — Government policy — United States — Periodicals.**

Administration of the Wild Free-Roaming Horse and Burro Act, 85-12733

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

**Donkeys — Law and legislation — United States — Periodicals.**

Administration of the Wild Free-Roaming Horse and Burro Act, 85-12733

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

**Doppler effect.**

Aerosol backscatter lidar calibration and data interpretation, 85-13326

Multipath induced errors in meteorological Doppler/interferometer location systems, 85-13412

**Douglas fir.**

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

**Douglas fir — Seedlings.**

Optimum temperatures for growth of southern Rocky Mountain Engelmann spruce and Douglas-fir seedlings /, 85-11924

**Drag (Aerodynamics) — Mathematical models.**

Embedded cavity drag in steady and unsteady flows, 85-13192

**Drawbacks — United States.**

Drawback : a duty refund on certain exports., 85-13556

**Drinking and traffic accidents — United States.**

Drunk driving public information program strategies and planning guide., 85-13635

National minimum drinking age : hearing before the Subcommittee on Alcoholism and Drug Abuse of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on examining the tragedy of alcohol-related auto fatalities and whether the answer to this problem is to increase the minimum drinking age ... June 19, 1984., 85-13903

**Drinking water — Northwestern States — Contamination.**

Review of ground water contamination and depletion problems in the Northwest : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, November 28, 1983., 85-13872

**Drinking water — United States.**

Removal of giardia lamblia cysts by drinking water treatment plants /, 85-12487

**Drops.**

Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746

**Drug abuse — Study and teaching — United States.**

Alcohol and drug abuse prevention., 85-12425

**Drug abuse — United States — Prevention.**

An Overview of the School Team Approach /, 85-12426

**Drugs — Arizona — Catalogs.**

Phoenix Indian Medical Center : drug formulary., 85-12638

**Drugs — Law and legislation — United States.**

Health and the environment, miscellaneous : hearings before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, first session ...., 85-13827

## Drunk driving U.S.

### Drunk driving — United States.

Drunk driving public information program strategies and planning guide., 85-13635

### Dulles International Airport.

Washington Metropolitan Area Transit Authority : oversight hearings and markup before the Subcommittee on Government Operations and Metropolitan Affairs of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on bus reliability ... and H.R. 4810 ... February 8, November 16, 1983; and May 3, 1984., 85-13801

### Duty-free importation — United States.

Miscellaneous tariff and trade bills : hearings and written comments before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, first and second sessions, November 15, 1983 and June 21, 1984., 85-13939

### Dwarf mistletoe.

Lodgepole pine dwarf mistletoe /, 85-11890

### Dwarf mistletoe — Congresses.

Biology of dwarf mistletoes : proceedings of the symposium, August 8, 1984, Colorado State University, Fort Collins /, 85-11942

### Dwellings — United States — Energy conservation.

Residential water conservation projects : summary report /, 85-12724

### Dye lasers.

Dye laser traveling wave amplifier, 85-13408

## E

### Earth — Crust.

High precision measurements in crustal dynamic studies, 85-13287

### Earth — Figure.

Lower mantle heterogeneity, dynamic topography and the geoid, 85-13284

### Earth — Mantle.

Anisotropic models of the upper mantle, 85-13255

Lower mantle heterogeneity, dynamic topography and the geoid, 85-13284

### Earth movements — California.

The upper mantle beneath the Cascade Range, 85-13450

### Earth resources technology satellites.

Satellite Emission Range Inferred Earth Survey (SERIES) project, 85-13317

### Earth stations (Satellite telecommunication)

Adaptive arrays for satellite communications, 85-13254

### Earthquakes — Northeastern States.

Earthquake hazard studies in New York State and adjacent areas /, 85-13721

### East Asia — Maps.

Eastern Asia., 85-13508

### Ebey's Landing National Historical Reserve (Wash.)

Ebey's Landing National Historical Reserve : the land, the people, the place : an introduction to the inventory., 85-12942

### Economic assistance, Domestic — United States.

An Act to Establish Uniform Audit Requirements for State and Local Governments Receiving Federal Financial Assistance., 85-12583

Human Services Reauthorization Act., 85-12608

Single Audit Act of 1984, 85-12583

### Economic assistance, Domestic — United States — Periodicals.

Update to the ... Catalog of Federal domestic assistance., 85-13503

### Economic development.

Economic development : hearings before the Task Force on Economic Policy and Productivity of the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, October 23 and 26, 1984, Janesville and Racine, WI., 85-13792

### Economic forecasting — Tennessee River Valley — Periodicals.

Economic outlook /, 85-13760

### Economic forecasting — United States — Periodicals.

Economic outlook /, 85-13760

### Ecuador — Description and travel.

Background notes, Ecuador., 85-13527

### Education — Information services — United States.

Collaborative for Alabama Urban School Educators : final report /, 85-12469

### Education — United States — Graduate work.

Graduate study in education : an analysis of institutions and degree awards, 1971 to 1981 /, 85-12465

### Education, Bilingual — United States.

A comparison of bilingual oral language and reading skills among limited English-speaking students from Spanish-speaking backgrounds /, 85-12468

A guide to culture in the classroom /, 85-12444

## Subject Index

### Education, Cooperative — United States.

The Co-operative education program : a career opportunity for you., 85-12363

The (Pre) co-operative education program : a career opportunity for you., 85-12364

### Education, Higher — United States.

Continuation application for grants under Upward Bound Program., 85-12423

Graduate study in education : an analysis of institutions and degree awards, 1971 to 1981 /, 85-12465

Public service in higher education : practices and priorities /, 85-12460

### Education, Humanistic — United States.

Careering after college : establishing the validity of abilities learned in college for later careering and professional performance : final report to the National Institute of Education : overview and summary /, 85-12458

### Education, Secondary — United States.

Secondary vocational education : imperative for excellence /, 85-12431

### Educational equalization — United States.

Continuation application for grants under Upward Bound Program., 85-12423

### Educational law and legislation — United States — Periodicals.

Report on the activities of the Committee on Education and Labor during the ... Congress., 85-13689

### Educational planning — United States.

School mathematics : options for the 1990s., 85-12424

### Egg products industry — United States — Equipment and supplies — Periodicals.

List of proprietary substances and non-food compounds authorized for use under USDA inspection and grading programs /, 85-11855

### Eggs — Inspection — Law and legislation — United States.

Meat, Poultry, and Egg Products Inspection Amendments of 1983; exempt restaurant central kitchens from federal inspection requirements; and USDA's five-point program of inspection in livestock and poultry slaughter plants : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 2691 and H.R. 5223, May 17, 1984., 85-13770

### Eggs — United States — Inspection — Periodicals.

List of plants operating under USDA poultry and egg grading and egg products inspection programs /, 85-11973

**Eigenvalues.**

Complex eigenvalues for the stability of couette flow, 85-13179

**Electric batteries.**

Development of new intercalated cathode materials for use in sodium batteries, 85-13205

**Electric circuits — Instruments.**

An assessment of terminal blocks in the nuclear power industry /, 85-13732

**Electric current regulators.**

Input filter compensation for switching regulators, 85-13263

Regions of attraction and ultimate boundedness for linear quadratic regulators with nonlinearities /, 85-13461

**Electric currents, Alternating.**

Navy electricity and electronics training series., 85-12346

**Electric generators — Calibration.**

Calibration procedure for oscilloscopes AN/USM-140 and AN/USM-141 (Hewlett-Packard models 170 and 170AR), AN/USM-140A (Hickok Instrument Co., model 1807), AN/USM-140B and AN/USM-141A (Hewlett-Packard models 170B and 170BR), AN/USM-140C and AN/USM-141B (Hickok Instrument Co.) ..., 85-12280

**Electric lines — Planning — Wisconsin.**

A simple transmission network planning method : Wisconsin power plant impact study /, 85-12496

**Electric lines — United States.**

Millimeter wave transmission systems and related devices, 85-13245

**Electric meters — Calibration.**

Calibration procedure for multimeter ME-297/U., 85-12282

**Electric power — Tennessee River Valley — Periodicals.**

Power program summary., 85-13758

**Electric power distribution — United States — States.**

Regional electric power : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5766 ... June 26, 1984., 85-13830

**Electric power-plants — United States — Fuel consumption.**

Status of coal supply contracts for new electric generating units : 1983-1992., 85-12419

**Electric power production — United States — Magnetohydrodynamic generation.**

Magnetohydrodynamics and the National Coal Science, Technology, and Engineering Development Acts : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 1278 ... S. 1925 ... April 9, 1984., 85-13819

**Electric power systems — United States.**

Evaluation of gas-cooled pressurized phosphoric acid fuel cells for electric utility power generation, 85-13160

**Electric railroads — United States — Cars — Reliability.**

Cost savings potential from improvement in railcar reliability and maintainability /, 85-13625

**Electric transformers.**

Navy electricity and electronics training series., 85-12346

Requirements for a transformerless power conditioning system, 85-13330

**Electric utilities — Environmental aspects — United States.**

Feasibility of ultrasonic and other methods for direct measurement of condenser biofouling /, 85-12506

**Electric utilities — Law and legislation — United States.**

Regional electric power : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5766 ... June 26, 1984., 85-13830

**Electric utilities — Taxation — United States.**

Phantom tax reform : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4923 ... June 12, 1984., 85-13826

**Electric utilities — Tennessee River Valley — Periodicals.**

Power program summary., 85-13758

Tennessee Valley Authority annual report., 85-13759

**Electric utilities — United States.**

Status of coal supply contracts for new electric generating units : 1983-1992., 85-12419

**Electric utilities — United States — Rates.**

Phantom tax reform : hearing before the Subcommittee on Energy Conservation

and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4923 ... June 12, 1984., 85-13826

**Electric vehicles.**

Hybrid vehicle assessment, 85-13329

Performance of the Lester battery charger in electric vehicles, 85-13315

**Electricity.**

Module 4.0, variational analyses of DC series circuits for basic electricity and electronics A-100-0010 /, 85-12336

Module 5.0, DC parallel circuits for basic electricity and electronics A-100-0010 /, 85-12337

**Electricity — Safety measures.**

Common sense electrical safety : electrical hazards, reference text /, 85-12906

**Electricity in aeronautics — Standards — United States.**

Personnel qualification standard for C-2A aircraft : qualification section 5, electrical., 85-12348

**Electromagnetic fields.**

A preliminary investigation into using the sun as a source for G/T measurements /, 85-12090

**Electromagnetic waves — Scattering — Mathematical models.**

Semi-annual report for numerical methods for analyzing electromagnetic scattering, September 25, 1983 to March 24, 1984, 85-13447

**Electronic apparatus and appliances — Calibration.**

Hand receipt catalog covering content of sets, kits, and outfits components list : calibration set, secondary transfer standards (augmented), AN/GSM-287, (NSN 6695-01-081-4873), (line item no. Z12223), 85-12268

**Electronic apparatus and appliances — Plastic embedment.**

Investigation of test methods, material properties, and processes for solar cell encapsulants, 85-13341

**Electronic data processing — Study and teaching — United States.**

Word processing : a guide to program planning /, 85-12439

**Electronic data processing — United States — Distributed processing.**

The implementation and use of Ada on distributed systems with high reliability requirements : final report, 85-13444

An implementation of the distributed programming structural synthesis system (PROSS), 85-13045

**Electronic data processing — United States — Handbooks, manuals, etc.**

Automated data systems manual : Nonappropriated Funds Information Standard System (NAFISS) : general ledger, users manual., 85-12317

**Electronic digital computers — Programming.**

Measures and metrics for software development., 85-13091

**Electronic instruments — United States — Testing — Mathematical models.**

Segmented testing., 85-13217

**Electronic mail systems.**

The development of efficient coding for an electronic mail system., 85-13227

**Electronic technicians.**

Weapon control systems technician (F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389

**Electronics — Study and teaching — United States.**

Module 4.0, variational analyses of DC series circuits for basic electricity and electronics A-100-0010 /, 85-12336

Module 5.0, DC parallel circuits for basic electricity and electronics A-100-0010 /, 85-12337

**Electronics in aeronautics — Standards — United States.**

Personnel qualification standard for C-2A aircraft : qualification section 5, electrical., 85-12348

**Electronics in military engineering.**

Study manual phase II, electricity, electronics, and electrical armament circuits., 85-12340

**Electronics in military engineering — Handbooks, manuals, etc.**

Electronic warfare systems specialist (AFSC 32853) /, 85-12391

Personnel qualification standard for surface electronic warfare operations., 85-12353

**Electrophoresis — Data processing.**

Analysis of electrophoresis performance., 85-13172

**Electrostatic dusting.**

Electrostatic augmentation of fabric filtration : reverse-air pilot unit experience /, 85-12512

**Eleutherodactylus.**

Variation, systematics, and zoogeography of *Eleutherodactylus guentheri* and closely related species (Amphibia: Anura, Leptodactylidae) /, 85-13547

**Eleutherodactylus guentheri.**

Variation, systematics, and zoogeography of *Eleutherodactylus guentheri* and

closely related species (Amphibia: Anura, Leptodactylidae) /, 85-13547

**Elevators (Airplanes)**

Advanced composite elevator for Boeing 727 aircraft., 85-13137

**Embeddings (Mathematics)**

The Embedded operating system project., 85-13239

**Emergency medical services — United States — Data processing.**

Computerized algorithms for evaluating prehospital care., 85-13628

**Emigration and immigration — United States.**

98th Congress hearings : Subcommittee on Rules of the House : hearings before the Subcommittee on Rules of the House of Representatives, Ninety-eighth Congress., 85-13918

**Employee-management relations in government — Law and legislation — United States — Cases.**

Decisions of the Federal Labor Relations Authority., 85-13699, 85-13700

**Employees, Dismissal of — Government policy — United States.**

RIF's at DOE : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 10, 1984., 85-13834

**Employees, Dismissal of — United States.**

Fair Reduction in Force Practices Act of 1984 : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6080 ... September 13, 1984., 85-13912

**Employment forecasting — United States.**

A society based on work /, 85-12432

**Employment interviewing — United States.**

How not to blow a job interview., 85-12307

**Energy conservation — United States.**

Basic and applied research related to the technology of space energy conversion systems, 1982-1983., 85-13260

**Energy conservation — United States — Finance — Periodicals.**

Congressional budget request., 85-12416

**Energy crops — Southern States — Statistics.**

Empirical yields of timber and forest biomass in the Southeast /, 85-11907

**Energy development — United States.**

Renewable Energy Development Act of 1983 : report (to accompany H.R. 3169)., 85-13670

**Energy development — United States — Finance.**

Department of Energy research and development programs—fiscal year 1985 : hearings before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on the Department of Energy research and development programs, March 5, 12, 20, 22, April 5, and 24, 1984., 85-13818

Energy and water development appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session., 85-13774

**Energy development — United States — Finance — Periodicals.**

Congressional budget request., 85-12416

**Energy industries — United States — Technological innovations.**

Enhanced coal technology : hearing before the Subcommittee on Energy and Mineral Resources of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, first session, on enhanced coal technology : coal's market for the eighties, August 9, 1983., 85-13823

**Energy policy — United States.**

Phantom tax reform : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4923 ... June 12, 1984., 85-13826

Strategic petroleum reserve : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 24, 1984., 85-13835

**Engelmann spruce — Seedlings.**

Optimum temperatures for growth of southern Rocky Mountain Engelmann spruce and Douglas-fir seedlings /, 85-11924

**Engineering — Research — United States — Finance — Periodicals.**

Academic science/engineering. R & D funds., 85-13474

**Engineering geology — Alaska — Maps.**  
Engineering—geologic maps of northern Alaska, Lookout Ridge quadrangle, 85-12809

**Engineers — Employment — United States — Statistics — Periodicals.**  
Science and engineering doctorates., 85-13475

**Engineers — United States — Statistics.**  
Selected characteristics of persons in engineering, 1978 /, 85-12044

**Engineers — United States — Statistics — Periodicals.**  
Science and engineering doctorates., 85-13475

**English Channel — Navigation.**  
United Kingdom-France, English Channel, Eddystone Rocks to Isle of Portland and Pointe de Beg to Cap Frehel /, 85-12174

United Kingdom-France, English Channel, Worthing to Dover and Cour-soules to Cap Gris-Nez /, 85-12175

**English language — Composition and exercises.**  
American language course., 85-12128

**English language — Grammar.**  
A style guide for CBO : about writing and word usage., 85-13946

**English language — Study and teaching — Louisiana — Foreign speakers.**  
Final report of the Haitian/English language project /, 85-12450

**English language — Study and teaching — Maryland — Spanish speakers.**  
Final report on ESL instruction for adult immigrants from North & Central America /, 85-12449

**English language — Study and teaching — Massachusetts — Foreign speakers.**  
Final report of the Haitian/English language project /, 85-12450

**English language — Text-books for foreign speakers.**  
American language course., 85-12128

**Environmental engineering — North Central States.**  
The Corps, the environment, and the Upper Mississippi River Basin /, 85-12326

**Environmental monitoring — United States — Data processing.**  
Particulate data reduction (PADRE) system reference manual /, 85-12517

**Environmental policy — United States.**  
U.S. international environmental policy : hearings before the Subcommittee on Human Rights and International Orga-

nizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, June 14 and September 12, 1984., 85-13858

**Environmental policy — United States — International cooperation.**  
U.S. international environmental policy : hearings before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, June 14 and September 12, 1984., 85-13858

**Environmental protection — Tennessee River Region.**  
Environmental research and development : a cooperative approach as demonstrated by the Tennessee Valley Authority., 85-13761

**Epidemiology.**  
Principles of epidemiology : principles of epidemiology homestudy course 3030-G., 85-12699

**Epoxy compounds.**  
An investigation of chemically-induced improvement in saturation moisture characteristics of epoxies, 85-13099

**Equations, Theory of.**  
Nonlinear problems in flight dynamics, 85-13107

**Error-correcting codes (Information theory)**  
"An extended d(min) = 4 RS code", 85-13282

Cut-off rate calculations for the outer channel in a concatenated coding system, 85-13278

Fast decoding of a d(min) = 6 RS code, 85-13283

"Fast decoding techniques for extended single-and-double-error-correcting Reed Solomon codes", 85-13281

"On the undetected error probability of a concatenated coding scheme for error control", 85-13279

**Eskimos — Government policy — United States.**  
Native American Programs Act Amendments of 1983 : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4468 ... hearing held in Washington, DC, on March 14, 1984., 85-13816

**Eskimos — Housing — Periodicals.**  
Annual report to Congress. Indian and Alaska native housing and community development programs, 85-12725

Department of Housing and Urban Development annual report to Congress on Indian and Alaska native housing and community development programs., 85-12725

**Esters — Analysis.**  
EPA method study 16, method 606, phthalate esters /, 85-12502

**Ethnology — Washington (State) — Olympic National Park.**  
Summary prehistory and ethnography of Olympic National Park, Washington /, 85-12946

**Ethylene dibromide.**  
Alternatives to ethylene dibromide (EDB) : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 9, 1984., 85-13769

**Europe — Foreign relations — United States.**  
NATO : a time for renewed commitment : report of the Delegation to Northern NATO and the Nordic Region of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13783

**Europe — Maps.**  
Europe., 85-13509

**European Economic Community countries — Foreign economic relations — United States — Congresses.**  
The United States and Europe : common bonds and differing perspectives : report of the twenty-third meeting of members of Congress and of the European Parliament, January 19-21, 1984, pursuant to H. Res. 981 ..., 85-13849

**European larch.**  
Biomass production of 12-year-old intensively cultured Larix eurolepis /, 85-11919

**Evaluation research (Social action programs) — United States — Abstracts.**  
Compendium of HHS evaluation studies., 85-12637

**Evaluation research (Social action programs) — United States — Directories.**  
Federal evaluations : a directory /, 85-12537

**Evidence, Criminal — United States.**  
Shoe and tire impression evidence /, 85-12997

**Examination of witnesses — United States — Handbooks, manuals, etc.**  
Victim witness handbook., 85-12992

**Examiners (Administrative procedure) — United States.**

An Act to Amend the Bankruptcy Amendments and Federal Judgeship Act of 1984 to Make Technical Corrections with Respect to the Retirement of Certain Bankruptcy Judges, and for Other Purposes., 85-12598

**Exceptional children — Education — Handbooks, manuals, etc.**

Starter : a notebook for new teachers., 85-12454

**Exceptional children — Education — Pennsylvania.**

Oversight hearing on interagency cooperation : hearing before the Subcommittee on Select Education of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Aliquippa, PA, on March 23, 1984., 85-13814

**Executive impoundment of appropriated funds — United States.**

Deferrals : message from the President of the United States transmitting a report on four new deferrals of budget authority for fiscal year 1983, and one revision to a previously reported deferral of budget authority, pursuant to sections 1013(a) and 1014(c) of Public Law 93-344., 85-13675

**Executives — United States — Periodicals.**  
The Federal sector /, 85-13493

**Exercise — Physiological aspects.**

Exercise and your heart /, 85-12655

**Exhaust systems.**

Summary of trade and tariff information : fan, blowers, compressors, air pumps and vacuum pumps, and air-conditioning and refrigeration machines : TSUS items 661.05-661.22, 661.35-661.37., 85-12979

**Expense accounts and taxation — United States.**

Travel, entertainment, and gift expenses., 85-13567

**Explosions — Computer programs.**

Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures /, 85-13733

**Export controls — Government policy — United States.**

Controls on exports to the People's Republic of China : hearing before the Subcommittee on International Economic Policy and Trade of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, first session, November 17, 1983., 85-13850

**Export controls — United States.**

International Coffee Agreement, 1983 : message from the President of the United States transmitting the International Coffee Agreement, 1983, signed by the United States on March 23, 1983., 85-13662

The militarily critical technologies list., 85-12131

98th Congress hearings : Subcommittee on Rules of the House : hearings before the Subcommittee on Rules of the House of the Committee on Rules, House of Representatives, Ninety-eighth Congress., 85-13918

**Export credit — Congresses.**

Consortium on Trade Research : agricultural trade policy issues in the eighties, current research, and long-term forecasting., 85-11994

**Export-Import Bank of the United States.**

Examination of the financial statements of the Export-Import Bank of the United States for the fiscal year ended September 30, 1983 : report to the Congress of the United States /, 85-12533

**Export marketing — Cameroon.**

Cameroon : an export market profile /, 85-11981

**Extraction (Chemistry)**

A review of supercritical fluid extraction /, 85-12087

**Extraterrestrial anthropology — Bibliography.**

Publications of the Exobiology Program for 1983 : a special bibliography /, 85-13128

**F**

**F-16 (Fighter planes)**

Ground vibration test of F-16 airplane with initial decoupler pylon /, 85-13125

**Factory and trade waste — Environmental aspects — United States.**

Toxicity treatability of iron and steel plant wastewaters : a resource document /, 85-12495

Use of short-term bioassays to evaluate environmental impact of land treatment of hazardous industrial waste /, 85-12494

**Family — United States.**

Violence and abuse in American families : hearing before the Select Committee on Children, Youth, and Families, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 14, 1984., 85-13793

**Family life education — Government policy — United States.**

Reauthorization of the Adolescent Family Life Demonstration Projects Act of 1981 : hearings before the Subcommittee on Family and Human Services of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 24 and 26, 1984., 85-13905

**Famines.**

Commission on the Ukraine Famine Act : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 3, 1984., 85-13857

**Farm management — United States.**

Social security taxation : impacts on farm operations and proposals for tax reform /, 85-11999

**Farmers — Taxation — United States.**

Social security taxation : impacts on farm operations and proposals for tax reform /, 85-11999

**Farms — United States.**

Improving U.S. farmland /, 85-11872

Potential opportunities for reforestation of marginal croplands : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13780

**Farms — United States — Cost of operation — Statistics — Periodicals.**

Farm production expenditures /, 85-11977

**Faucets — Equipment and supplies.**

In the matter of certain single handle faucets : investigation no. 337-TA-167., 85-12982

**Fault-tolerant computing.**

Development and evaluation of a fault-tolerant multiprocessor (FTMP) computer, 85-13194

Error latency estimation using functional fault modeling, 85-13230

Segmented testing, 85-13217

**Faults (Geology) — Alaska — Maps.**

Geologic map and sections of the southwestern Kenai Peninsula west of the Port Graham Fault, Alaska, 85-12830

**Faults (Geology) — Utah — Rich County — Maps.**

Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah, 85-12812

**Faults (Geology) — Wyoming — Lincoln County — Maps.**

Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah, 85-12812

**Faults (Geology) — Wyoming — Uinta County — Maps.**

Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah, 85-12812

**Federal aid to alcoholism programs — United States.**

An Act to Amend the Public Health Service Act to Revise and Extend the Authorities of That Act for Assistance for Alcohol and Drug Abuse and Mental Health Services., 85-12589

Alcohol Abuse, Drug Abuse and Mental Health Amendments of 1984, 85-12589

**Federal aid to birth control — United States.**

Reauthorization of the Adolescent Family Life Demonstration Projects Act of 1981 : hearings before the Subcommittee on Family and Human Services of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 24 and 26, 1984., 85-13905

**Federal aid to birth control — United States — States — Directories.**

Family planning grantees, delegates & clinics., 85-12687

**Federal aid to child welfare — United States.**

GAO analysis of the 1981 AFDC reductions : hearing before the Subcommittee on Public Assistance and Unemployment Compensation of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, May 2, 1984., 85-13944

**Federal aid to community development — United States.**

Human Services Reauthorization Act., 85-12608

**Federal aid to drug abuse treatment programs — United States.**

An Act to Amend the Public Health Service Act to Revise and Extend the Authorities of That Act for Assistance for Alcohol and Drug Abuse and Mental Health Services., 85-12589

Alcohol Abuse, Drug Abuse and Mental Health Amendments of 1984, 85-12589

**Federal aid to education — United States.**

Application for grants under the Law-Related Education Program., 85-12421

Application for grants under Title VI of the Higher Education Act of 1965, as amended : International Research and Studies Program, CFDA number 84.017., 85-12422

A compilation of federal education laws ... as amended through December 31, 1984 /, 85-13812

Education Amendments of 1984., 85-12590

Human Services Reauthorization Act., 85-12608

Kaleidoscopes : emerging patterns of response and action in ECIA case studies of Chapter 2 in selected states /, 85-12471

**Federal aid to handicapped services — United States.**

Oversight hearing on interagency cooperation : hearing before the Subcommittee on Select Education of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Aliquippa, PA, on March 23, 1984., 85-13814

**Federal aid to health maintenance organizations — United States.**

Health maintenance organization amendments of 1984 : report (to accompany S. 2311), 85-13665

Instructions for applying for federal assistance from HDS programs., 85-12719

**Federal aid to higher education — United States.**

Continuation application for grants under Upward Bound Program., 85-12423

**Federal aid to higher education — United States — Periodicals.**

The Pell grant formula /, 85-12441

**Federal aid to historic sites — Washington (D.C.)**

An Act to Authorize the Secretary of the Interior to Enter into Contracts or Cooperative Agreements with the Art Barn Association to Assist in the Preservation and Interpretation of the Art Barn in Rock Creek Park in the District of Columbia, and for Other Purposes., 85-12585

**Federal aid to libraries — United States.**

Reauthorization of the Library Services and Construction Act, 1984 : hearing before the Subcommittee on Education, Arts, and Humanities of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on proposed legislation authorizing funds for programs of the Library Services and Construction Act, March 23, 1984., 85-13904

**Federal aid to transportation U.S.**

**Federal aid to medical research — United States.**

An Act to Revise and Extend Provisions of the Public Health Service Act Relating to Health Promotion and Disease Prevention, to Provide for the Establishment of Centers for Research and Demonstrations Concerning Health Promotion and Disease Prevention, and for Other Purposes., 85-12605

Health Promotion and Disease Prevention Amendments of 1984, 85-12605

**Federal aid to nursing education — United States.**

Special projects for improvement in nurse training : a listing, June 1978 to September 1983., 85-12717

**Federal aid to research — United States.**

Research in undergraduate institutions., 85-13472

Status of U.S. marine research : hearing before the Subcommittee on Oceanography and the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on U.S. marine scientific research capabilities oversight, September 26, 1984., 85-13908

Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report /, 85-13919

**Federal aid to research — United States — Abstracts.**

Compendium of HHS evaluation studies., 85-12637

**Federal aid to research — United States — Handbooks, manuals, etc.**

NASA grant and cooperative agreement handbook instruction., 85-13130

**Federal aid to the arts — United States — Periodicals.**

Design arts., 85-13468

Media arts, film/radio/television., 85-13469

**Federal aid to transportation — United States.**

Federal-Aid Highway Act of 1982 : report of the Committee on Environment and Public Works, United States Senate, together with additional views to accompany S. 2527., 85-13671

Zilwaukee Bridge, Saginaw, MI : hearing before the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, House of Representatives, Ninety-eighth Congress, first session, February 18, 1983., 85-13916

**Federal aid to vocational education — United States.**

An Act to Amend the Vocational Education Act of 1963 to Strengthen and Expand the Economic Base of the Nation, Develop Human Resources, Reduce Structural Unemployment, Increase Productivity ...., 85-12596

Carl D. Perkins Vocational Education Act, 85-12596

A compilation of federal education laws ... as amended through December 31, 1984 /, 85-13812

**Federal aid to water quality management — United States.**

Internal control review report on the municipal wastewater treatment works construction grants program /, 85-12519

**Federal-city relations — United States.**

The President's 1984 national urban policy report : hearing before the Subcommittee on Investment, Jobs, and Prices of the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 20, 1984., 85-13804, 85-13808

**Federal government — Scholarships, fellowships, etc. — United States — Periodicals.**

The White House fellowships., 85-13495

**Federal Laboratory Consortium for Technology Transfer (U.S.)**

Technology and technical assistance available to you through U.S. Army Harry Diamond Laboratories Technology Transfer Program and the Federal Laboratory Consortium for Technology Transfer., 85-12331

**Federal-state controversies — United States.**

State severance taxes : hearing before the Subcommittee on Energy and Agricultural Taxation of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 463, July 24, 1984., 85-13839

**Feedback control systems — Mathematical models.**

Design of multivariable feedback control systems via spectral assignment using reduced-order models and reduced-order observers, 85-13241

**Feeds — United States — Statistics.**

Summary of trade and tariff information : animal feeds and animal feed ingredients, TSUS items 184.10-184.85., 85-12970

**Fees, Administrative — United States.**

An Act to Extend Through September 30, 1988, the Period During Which Amendments to the United States

Grain Standards Act Contained in Section 155 of the Omnibus Budget Reconciliation Act of 1981 Remain ...., 85-12578

**Ferrite devices.**

K-band latching switches., 85-13158

**\*Fertility — United States — statistics.**

Fertility of American women., 85-12043

**Fertility, Human — United States — Statistics — Periodicals.**

Fertility of American women., 85-12043

**Fertilizer industry — United States — Statistics.**

Summary of trade and tariff information : fertilizers, other than nitrogenous, TSUS items 480.05, 480.10, 480.35-480.60, and 480.70-480.80., 85-12975

**Fiber optics.**

Optical fiber communications link design in compliance with systems performance standards /, 85-12116

**Fibrous composites — Fatigue.**

Dynamic stress analysis of smooth and notched fiber composite flexural specimens, 85-13065

**Fibrous composites — Fracture.**

The mechanics of delamination in fiber-reinforced composite materials, 85-13188

Progressive fracture of fiber composites, 85-13067

**Field crops — United States — Mathematical models.**

Early warning and crop condition assessment, 85-13418

**Field crops — United States — Statistics.**

Usual planting and harvesting dates for U.S. field crops., 85-11876

**Filbert industry — United States.**

Increased duties on certain shelled filberts : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 14, 1984., 85-13846

**Filter cloth.**

Electrostatic augmentation of fabric filtration : reverse-air pilot unit experience /, 85-12512

**Filter cloth — Mathematical models.**

Cost and performance models for electrostatically stimulated fabric filtration /, 85-12516

**Filters and filtration.**

Electrostatic augmentation of fabric filtration : reverse-air pilot unit experience /, 85-12512

**Finance, Public — Law and legislation — United States — Periodicals.**

Report on legislative review activity during the ... Congress of the Committee on Ways and Means., 85-13686

**Finance, Public — United States.**

The Proceedings of the Thirteenth Annual Financial Management Conference : Financial management reform : where we are and where we're headed., 85-13497

**Financial institutions — United States.**

Current trends in the financial services industry and their impact on small business financing : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, D.C., September 6, 1984., 85-13929

**Fines (Penalties) — United States.**

Criminal Fine Enforcement Act of 1984., 85-12623

Fines in sentencing : a study of the use of the fine as a criminal sanction /, 85-13001

**Fingerprints.**

Automated fingerprint identification : regional application of technology /, 85-12994

**Finite element method.**

Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300

High speed inviscid compressible flow by the finite element method, 85-13262

**Fire control (Aerial gunnery) — Equipment — Maintenance and repair — Handbooks, manuals, etc.**

Aircraft fire control repairer, MOS 68J : skill levels 1/2 : soldier's manual., 85-12271

**Fire control (Naval gunnery)**

Fire control technician B 3 & 2., 85-12347

Personnel qualification standard for MK-37 gunfire control system (GFCs), 85-12355

**Fire-departments — Law and legislation — United States — International cooperation.**

Increase effectiveness of domestic fire-fighting forces (H.R. 3726); and Congressional Budget Act Amendments of 1984 (H.R. 5247) : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 3726 ...

and H.R. 5247 ... July 26, 1984., 85-13869

**Firearms — Law and legislation — United States.**

Excerpt, (general information) from (Your guide to) federal firearms regulation., 85-13584

**Firearms — Law and legislation — United States — States — Periodicals.**  
State laws and published ordinances, firearms., 85-13583

**Firearms — Licenses — United States.**  
Excerpt, (general information) from (Your guide to) federal firearms regulation., 85-13584

**Firearms — Maintenance and repair — Handbooks, manuals, etc.**  
MOS 45B small arms repairer, skill level I /, 85-12332

**First year teachers — Handbooks, manuals, etc.**  
Starter : a notebook for new teachers., 85-12454

**Fiscal policy — United States.**  
Nonmetropolitan fiscal indicators : a review of the literature /, 85-11983

**Fish-meal — Statistics — Periodicals.**  
Fish meal and oil, annual summary., 85-12105

**Fish-oil — Statistics — Periodicals.**  
Fish meal and oil, annual summary., 85-12105

**Fish trade — Law and legislation — United States.**

U.S. fisheries export promotion programs and prospects : joint hearings and markup before the Committee on Foreign Affairs and its Subcommittee on International Economic Policy and Trade and the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, U.S. House of Representatives, Ninety-eighth Congress, second session, on H.R. 3255, July 27; August 9; and September 6, 1984., 85-13851

**Fisheries subsidies — United States.**  
Act to Improve Certain Maritime Programs of the Department of Transportation and the Department of Commerce, 85-12622

Maritime programs improvements of the Departments of Transportation and Commerce., 85-12622

**Fishery law and legislation — United States.**  
An Act to Provide for the Conservation and Management of Atlantic Striped Bass, and for Other Purposes., 85-12632

Atlantic Striped Bass Conservation Act, 85-12632

**Fishery law and legislation — United States — Periodicals.**

CFR. 50, Wildlife and fisheries, 85-12571, 85-12572

Code of federal regulations. 50, Wildlife and fisheries., 85-12571, 85-12572

Wildlife and fisheries, 85-12571, 85-12572

**Fishery management — California.**

An Act to Provide for the Restoration of the Fish and Wildlife in the Trinity River Basin, California, and for Other Purposes., 85-12601

**Fishery policy — United States.**

U.S. fisheries export promotion programs and prospects : joint hearings and markup before the Committee on Foreign Affairs and its Subcommittee on International Economic Policy and Trade and the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, U.S. House of Representatives, Ninety-eighth Congress, second session, on H.R. 3255, July 27; August 9; and September 6, 1984., 85-13851

**Fishes — Periodicals.**  
Collected reprints /, 85-12109

**Fishing boats — United States.**  
Act to Improve Certain Maritime Programs of the Department of Transportation and the Department of Commerce, 85-12622

Maritime programs improvements of the Departments of Transportation and Commerce., 85-12622

**Fishing surveys — United States — Periodicals.**  
Marine recreational fishery statistics survey. Pacific coast., 85-12106, 85-12107

**Flight control.**  
Optimal cooperative control synthesis applied to a control-configured aircraft, 85-13162

**Flight radio operators — United States — Handbooks, manuals, etc.**  
Airborne communications systems operator (AFSC 11650) /, 85-12383

**Flight simulators.**  
F-14 modeling study, 85-13199

**Flight training — United States.**  
Nationally scheduled Federal Aviation Administration (FAA) approved, industry-conducted flight instructor refresher clinics., 85-13611

**Fluid dynamics (Space environment)**

Training effectiveness evaluation and utilization demonstration of a low cost cockpit procedures trainer /, 85-12339

**Flood control.**  
Aplicaciones de los sensores remotos a problemas hidrológicos e inundaciones, 85-13364

**Flood control — West Virginia.**  
R. D. Bailey outlet works, Guyandot River, West Virginia : hydraulic model investigation /, 85-12320

**Floods — Kentucky.**  
Floods on Tennessee River and Cypress and Little John Creeks in the vicinity of Calvert City, Kentucky., 85-13762

**Floods — Montana.**  
Floods of May 1978 in southeastern Montana and northeastern Wyoming /, 85-12744

**Floods — Tennessee River Region.**  
Floods on Tennessee River and Cypress and Little John Creeks in the vicinity of Calvert City, Kentucky., 85-13762

**Floods — Wyoming.**  
Floods of May 1978 in southeastern Montana and northeastern Wyoming /, 85-12744

**Floor coverings industry — United States.**  
The Impact of tariff and nontariff barriers on the U.S. sheet vinyl flooring industry : report to the Subcommittee on Trade, Committee on Ways and Means, U.S. House of Representatives, investigation no. 332-179, under section 332(b) of the Tariff Act of 1930, as amended., 85-12981

**Florida — Maps.**  
Potentiometric surface of the Floridan aquifer Southwest Florida Water Management District, September 1983, 85-12821

**Flow meters.**  
Installation of fuel flowmeters in small airplanes with continuous-flow, fuel-injection, reciprocating engines., 85-13610

**Flowgraphs.**  
An evaluation of the directed flow graph methodology, 85-13269

**Fluid dynamics — Periodicals.**  
Activities ... plans ..., 85-12112

**Fluid dynamics (Space environment)**  
Analysis of electrophoresis performance, 85-13172

Design and construction of equipment items for geophysical fluid flow models, 85-13163

## Fluid dynamics (Space environment)

- Design considerations for a <sup>3</sup>He refrigerator for space applications, 85-13112
- Manufacturing in space : fluid dynamics numerical analysis, 85-13435
- Nonlinear problems in flight dynamics, 85-13107
- On-orbit cryogenic fluid transfer, 85-13063
- A semi-direct procedure using a local relaxation factor and its application to an internal flow problem, 85-13068
- Fluid dynamics (Space environment) — Mathematical models.**
- Three-dimensional implicit lambda methods, 85-13186
- Fluidization.**
- Preliminary study of a radiantly heated fluidized bed for the production of high-purity silicon, 85-13343
- Fluorescence.**
- Containerless high temperature property measurements by atomic fluorescence, 85-13174
- Flowfield measurements in a model scramjet combustor using laser-induced iodine fluorescence, 85-13433
- A radiative transfer model for remote sensing of laser induced fluorescence of phytoplankton in non-homogeneous turbid water, 85-13353
- Shot noise limited detection of OH using the technique of laser induced fluorescence, 85-13453
- Fluorocarbons — Analysis.**
- The Infrared spectral analysis of CF<sub>3</sub>Cl, 85-13224
- Fly ash.**
- The use of fly ash in highway construction /, 85-13600
- Fog — Measurement.**
- X-ray measurements of water fog density /, 85-13719
- Foley Federal Building and United States Courthouse (Las Vegas, Nev.)**
- An Act to Designate the Federal Building and United States Courthouse in Las Vegas, Nevada, as the "Foley Federal Building and United States Courthouse.", 85-12616
- Folk-songs — Morocco — Bibliography.**
- A Brief list of material relating to the music of Morocco., 85-13017
- Folk-songs — Washington (State) — Discography.**
- Washington field recordings in the Archive of Folk Culture., 85-13018
- Food — Preservation.**
- Alternatives to ethylene dibromide (EDB) : hearing before the Subcommittee

on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 9, 1984., 85-13769

The status of the technical infrastructure to support domestic food irradiation : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, July 26, 1984., 85-13921

### Food, Irradiated.

The status of the technical infrastructure to support domestic food irradiation : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, July 26, 1984., 85-13921

### Food adulteration and inspection — United States — Periodicals.

List of proprietary substances and non-food compounds authorized for use under USDA inspection and grading programs /, 85-11855

### Food consumption — United States — Statistics — Periodicals.

Food consumption, prices, and expenditures /, 85-11852

### Food industry and trade — North Carolina.

Improved food distribution facilities for central North Carolina., 85-11877

### Food industry and trade — United States — Statistics — Periodicals.

Food consumption, prices, and expenditures /, 85-11852

### Food law and legislation — United States.

Meat, Poultry, and Egg Products Inspection Amendments of 1983; exempt restaurant central kitchens from federal inspection requirements; and USDA's five-point program of inspection in livestock and poultry slaughter plants : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 2691 and H.R. 5223, May 17, 1984., 85-13770

### Food prices — United States — Statistics — Periodicals.

Food consumption, prices, and expenditures /, 85-11852

### Food relief — Law and legislation — United States — Periodicals.

Annual report on activities carried out under Public Law 480, 85-11878

## Subject Index

Annual report on Public Law 480, 85-11878

Food for peace, annual report on Public Law 480., 85-11878

### Food relief — Periodicals.

Annual report on activities carried out under Public Law 480, 85-11878

Annual report on Public Law 480, 85-11878

Food for peace, annual report on Public Law 480., 85-11878

World food aid needs and availabilities /, 85-11978

### Food relief — United States — States — Directories.

Directory of cooperating agencies /, 85-12004

### Food relief, American — Africa.

Food aid in Africa : lessons of 1984, prospects for 1985 : joint hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations and the Subcommittee on Foreign Agricultural Policy of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, ninety-eighth Congress, second session, September 19, 1984., 85-13862

### Food stamp program — United States — States — Directories.

Directory of cooperating agencies /, 85-12004

### Food supply.

Longrun changes in world food supply and demand : implications for development assistance policy /, 85-11987

### Food supply — Africa.

Food aid in Africa : lessons of 1984, prospects for 1985 : joint hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations and the Subcommittee on Foreign Agricultural Policy of the Committee on Agriculture, Nutrition, and Forestry, United States Senate, ninety-eighth Congress, second session, September 19, 1984., 85-13862

### Food supply — Periodicals.

World food aid needs and availabilities /, 85-11978

### Forage.

Deer and cattle forage selection on Louisiana pine-hardwood sites /, 85-11908

### Foreign trade promotion — Law and legislation — United States.

U.S. fisheries export promotion programs and prospects : joint hearings and markup before the Committee on Foreign Affairs and its Subcommittee on International Economic Policy and

Trade and the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, U.S. House of Representatives, Ninety-eighth Congress, second session, on H.R. 3255, July 27; August 9; and September 6, 1984., 85-13851

#### Foreign trade promotion — United States.

Export opportunities : an untapped resource for small business : hearing before the Subcommittee on Export Opportunities and Special Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Dallas TX, July 10, 1984., 85-13928

To establish a National Commission on Agricultural Trade and Export Policy : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 319 ... August 3, 1984., 85-13878

#### Foreign trade regulation — United States.

Customs valuation rulings under the Trade Agreements Act of 1979., 85-13555

Import quotas on textiles : the welfare effects of United States restrictions on Hong Kong : an economic policy analysis /, 85-12531

Import relief for U.S. nonrubber footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 22, 1984., 85-13845

State of the U.S. automobile industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 27, 1984., 85-13836

State of the U.S. footwear industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, May 25, 1984., 85-13843

#### Forensic scientists — United States.

Forensics : when science bears witness., 85-12988

#### Forest fires — California.

Five southern California oaks : identification and postfire management /, 85-11940

#### Forest fires — California — Prevention and control.

Five southern California oaks : identification and postfire management /, 85-11940

#### Forest fires — Prevention and control — Periodicals.

Forest fire news /, 85-11888

#### Forest flora — Florida — Apalachicola National Forest.

Soils and vegetation of the Apalachicola National Forest., 85-11880

#### Forest management — New York (State)

An analysis of New York's timber resources /, 85-11931

#### Forest management — Wyoming —

##### Medicine Bow National Forest.

Land and resource management plan : draft environmental impact statement : Medicine Bow National Forest and Thunder Basin National Grassland., 85-11947

Medicine Bow National Forest and Thunder Basin National Grassland : land and resource management plan (proposed), 85-11948

#### Forest microclimatology — Idaho.

Climate of Priest River Experimental Forest, northern Idaho /, 85-11936

#### Forest microclimatology — Idaho — Priest River Experiment Forest.

Climate of Priest River Experimental Forest, northern Idaho /, 85-11936

#### Forest products industry — New England.

Potential effects of the fuelwood market on wood-using industries in northern New England and New York /, 85-11920

#### Forest products industry — New York (State).

Potential effects of the fuelwood market on wood-using industries in northern New England and New York /, 85-11920

#### Forest products industry — Northwest, Pacific.

Competitive conditions in the U.S. civil aircraft industry and forest products industry : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 9, 1984, Seattle, Washington., 85-13943

#### Forest reserves — Arizona.

An Act to Designate Certain National Forest Lands in the State of Arizona as Wilderness, and for Other Purposes., 85-12573

Arizona Wilderness Act of 1984, 85-12573

#### Forest reserves — Georgia.

Georgia Wilderness Act of 1984., 85-12593

#### Forest reserves — North Carolina — Nantahala National Forest.

Proposed land and resource management plan : Nantahala & Pisgah National Forests, North Carolina., 85-11949

#### Forest reserves — North Carolina — Pisgah National Forest.

Proposed land and resource management plan : Nantahala & Pisgah National Forests, North Carolina., 85-11949

#### Forest reserves — Oregon — Willowa National Forest.

Campground information : Willowa-Whitman National Forest., 85-11881

#### Forest reserves — Oregon — Whitman National Forest.

Campground information : Willowa-Whitman National Forest., 85-11881

#### Forest reserves — Texas — Sabine National Forest.

An Act to Direct the Secretary of Agriculture to Convey, for Certain Specified Consideration, to the Sabine River Authority Approximately Thirty-One Thousand Acres of Land within the Sabine National Forest to Be Used for the Purposes of the Toledo Bend Project, Louisiana and Texas, and for Other Purposes., 85-12610

#### Forest soils — Florida — Apalachicola National Forest.

Soils and vegetation of the Apalachicola National Forest., 85-11880

#### Forest thinning.

Growth, thinning treatments, and soil properties in a 10-year-old cottonwood plantation on a clay site /, 85-11927

Prescribing silvicultural treatments in hardwood stands of the Alleghenies /, 85-11939

#### Forests and forestry.

Forestry/fisheries., 85-13484

#### Forests and forestry — Allegheny National Forest (Pa.)

Prescribing silvicultural treatments in hardwood stands of the Alleghenies /, 85-11939

#### Forests and forestry — Colorado.

Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

#### Forests and forestry — Colorado — Data processing.

Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

## Forests and forestry Mensuration.

### Forests and forestry — Mensuration.

Sweetgum volume and weight tables /, 85-11912

### Forests and forestry — Montana.

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

### Forests and forestry — New York (State)

An analysis of New York's timber resources /, 85-11931

### Forests and forestry — North Carolina — Statistics.

Forest statistics for the northern coastal plain of North Carolina, 1984 /, 85-11933

### Forests and forestry — Oregon.

Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

### Forests and forestry — Pennsylvania — Valuation.

Rate of value change in Pennsylvania timber stands /, 85-11899

### Forests and forestry — Research — United States — Bibliography — Periodicals.

Research accomplishments., 85-11946  
Research accomplishments report, 85-11946  
Research for tomorrow's forests, 85-11946

### Forests and forestry — Research — United States — Periodicals.

Research accomplishments., 85-11946  
Research accomplishments report, 85-11946  
Research for tomorrow's forests, 85-11946

### Forests and forestry — Southern States — Statistics.

Empirical yields of timber and forest biomass in the Southeast /, 85-11907

### Forests and forestry — United States — Bibliography — Periodicals.

Forest research in the Southeast: recent publications of the Southeastern Forest Experiment Station /, 85-11891  
List of publications /, 85-11934

### Forests and forestry — Valuation.

Empirical estimates of amenity forest values: a comparative review /, 85-11941

### Forests and forestry — Washington (State)

Timber resources in areas developed for nonforest use in western Washington /, 85-11932

### Fort Riley (Kan.) — History.

Fort Riley: its historic past., 85-12233

### Fortification — Kansas.

Fort Riley: its historic past., 85-12233

### Fourier transformations.

Cloud cover typing from environmental satellite imagery, 85-13316

### Fracture mechanics.

Spartan release engagement mechanism (REM) stress and fracture analysis, 85-13354

Tensile fracture of ductile materials, 85-13276

Three-dimensional measurements of fatigue crack closure, 85-13286

### Fracture mechanics — Congresses.

Proceedings of the CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping: held at Monterey, California, September 1-2, 1983., 85-13747

### Fracture mechanics — Mathematical models.

The mechanics of delamination in fiber-reinforced composite materials, 85-13188

### Fraser Experimental Forest (Colo.)

Effects of weather and physiographic conditions on temperature and humidity in subalpine watersheds of the Fraser Experimental Forest /, 85-11904

### Fraud — United States.

Consumer fraud and the elderly: hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on consumer fraud and the elderly, October 22, 1984., 85-13799

Raising the stakes in carnival fraud /, 85-12995

### Free trade and protection.

Protection in agricultural markets /, 85-11995

### Freedom of information — United States.

The Freedom of Information Reform Act: hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on S. 774 ... May 24, 30; June 20; and August 9, 1984., 85-13870

### Freedom of information — United States — Handbooks, manuals, etc.

The Freedom of Information Act for attorneys and access professionals., 85-13008

The Freedom of Information Act for attorneys and access professionals. Book II., 85-13009

### Frozen ground — Soviet Union — Maps.

Permafrost regions in the Soviet Union., 85-13514

### Fruit trade — United States — Statistics — Periodicals.

Noncitrus fruits and nuts, 85-11974

Noncitrus fruits & nuts. Annual summary., 85-11974

### Fuel cells.

Evaluation of gas-cooled pressurized phosphoric acid fuel cells for electric utility power generation, 85-13160

Full scale phosphoric acid-fuel cell stack technology development, 85-13394

### Fuelwood — Washington (State)

Colville National Forest firewood map., 85-11883

### Fuelwood cutting — Washington (State)

Colville National Forest firewood map., 85-11883

### Fuelwood industry — Colorado.

Demand for commercially delivered domestic fuelwood in Colorado, 1980 /, 85-11925

### Fuelwood industry — New England.

Potential effects of the fuelwood market on wood-using industries in northern New England and New York /, 85-11920

### Fuelwood industry — New York.

Potential effects of the fuelwood market on wood-using industries in northern New England and New York /, 85-11920

## G

### Gallium alloys.

Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-throughput rate transceiver, 85-13265

### Gallium compounds.

Crystal growth of device quality GaAs in space, 85-13208, 85-13337

### Gambia — Description and travel.

The Gambia, post report., 85-13532

### Gambling — United States.

Indian Gambling Control Act: hearing before the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4566 ... hearing held in Washington, DC, June 19, 1984., 85-13882

### Game bird culture — United States — Directories.

Directory of participants handling waterfowl, exhibition poultry, and game birds, 85-12006

National poultry improvement plan. Directory of participants handling waterfowl, exhibition poultry, and game birds., 85-12006

**Games — United States.**

Raising the stakes in carnival fraud /, 85-12995

**Garrison Dam (N.D.)**

An Act to Provide for the Use and Distribution of Certain Funds Awarded the Wyandotte Tribe of Oklahoma and to Restore Certain Mineral Rights to the Three Affiliated Tribes of the Fort Berthold Reservation., 85-12626

**Gas, Natural — Hydrates.**

Gas hydrates on continental margins of the United States based on occurrence of bottom simulating reflectors on marine seismic records, 85-12820

**Gas, Natural — Massachusetts — Fires and fire prevention.**

Pipeline accident report : Boston Gas Company natural gas overpressure explosion and fires, East Boston, Massachusetts, September 23, 1983 /, 85-13591

**Gas, Natural — Massachusetts — Pipe lines — Accidents.**

Pipeline accident report : Boston Gas Company natural gas overpressure explosion and fires, East Boston, Massachusetts, September 23, 1983 /, 85-13591

**Gas, Natural — Pipe lines — Law and legislation — United States.**

An Act to Authorize Appropriations for Fiscal Year 1985 to Carry Out the Natural Gas Pipeline Safety Act of 1968 and the Hazardous Liquid Pipeline Safety Act of 1979, and for Other Purposes., 85-12576

**Gas, Natural — Pipe lines — Safety regulations — United States.**

Pipeline safety regulations : enforcement procedures, part 190 : natural gas, part 191-192., 85-13638, 85-13639

**Gas, Natural — Pipe lines — Taxation — United States.**

Discriminatory taxation on pipelines : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on S. 2932 ... September 28, 1984., 85-13795

**Gas dynamics.**

Canonical solutions for unsteady flow fields, 85-13096

**Gas dynamics — Mathematical models.**

An efficient approximate factorization implicit scheme for the equations of gas dynamics, 85-13110

**Gas industry — United States — Statistics — Periodicals.**

Current industrial reports. MA-28C, Industrial gases /, 85-12039

Industrial gases, 85-12039

**Gas-meters.**

A survey of gas-side fouling measure devices, 85-13322

**Gas-turbines.**

Advanced gas turbine (AGT) technology development, 85-13401

Advanced gas turbine AGT technology project, 85-13389

Effects of surface chemistry on hot corrosion life, 85-13398

**Gas wells — United States — Maps.**

Wells drilled for oil and gas deeper than 15,000 feet in the conterminous United States and offshore, 85-12822

Wells drilled for oil and gas deeper than 20,000 feet in the conterminous United States and offshore, 85-12823

**Gasoline — Pipe lines — Environmental aspects — United States.**

Phase 1A pipeline project : environmental assessment : Algonquin Gas Transmission Company, Texas Eastern Transmission Corporation, Transcontinental Gas Pipe Line Corporation, docket nos. CP82-119-007, CP82-446-003, and CP84-146-001., 85-12418

**Gasoline — Taxation — United States.**

Fuel tax credits., 85-13566

**Gasoline — United States — Marketing.**

Future of independent marketers in the post-merger petroleum marketplace : joint hearing before the Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business and the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, April 11, 1984., 85-13931

**Gastroenterology.**

Chronobiology and the digestive system : proceedings of a meeting held at the University of Minnesota in September 1981., 85-12649

**Gearing.**

An analytical method to predict efficiency of aircraft gearboxes, 85-13074

Evaluation of HiMAT aircraft landing approach lateral control gearing using

simulation and a visual display, 85-13085

An investigation of the transient thermal analysis of spur gears, 85-13080

Parameter studies of gear cooling using an automatic finite element mesh generator, 85-13077

**Gearing, Spiral.**

Lubricant jet flow phenomena in spur and helical gears with modified center distances and/or addendums, 85-13079

**Gearing, Spur.**

Efficiency of nonstandard and high contact ratio involute spur gears, 85-13081

**General Dynamics Corporation.**

Labor-management relations and employee health and safety at the General Dynamics Corp. : joint hearing before the Subcommittee on Labor-Management Relations and the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 20, 1984., 85-13815

**Geochemical prospecting — West (U.S.)**

Computer program directory for petroleum assessment of wilderness lands in the western United States, 85-12833

**Geochemistry — Alaska — Maps.**

Map showing the distribution and abundance of boron and beryllium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12796

Map showing the distribution and abundance of cobalt in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12798

Map showing the distribution and abundance of copper in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12797

Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12795

Map showing the distribution and abundance of lead in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12801

Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness

study area, southeastern Alaska, 85-12799

Map showing the distribution and abundance of nickel and chromium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12800

Map showing the distribution and abundance of scandium and yttrium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12802

Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12803

Map showing the distribution and abundance of zinc in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12804

**Geochemistry — Idaho — Lemhi County.**

Geology, geochemistry, and mineral resource potential of the Eighteenmile Wilderness study area p (ID-43-3), Lemhi County, Idaho, 85-12834

**Geology,**

The Geology of the terrestrial planets /, 85-13134

**Geology — Alaska — Maps.**

Geologic map and sections of the southwestern Kenai Peninsula west of the Port Graham Fault, Alaska, 85-12830

**Geology — California — Maps.**

Geologic map of the outcrop area of the Hornbrook formation, Oregon and California, 85-12814

**Geology — Colorado — Moffat County — Maps.**

Geologic map and coal sections of the Pine Ridge quadrangle, Moffat County, Colorado, 85-12817

**Geology — Dinosaur National Monument (Colo.-Utah) — Maps.**

Geologic map of Dinosaur National Monument and vicinity, Utah and Colorado /, 85-12888

**Geology — Green River Watershed (Wyo.-Utah)**

The mid-Cretaceous frontier formation near the Moxa arch, southwestern Wyoming /, 85-12745

**Geology — Idaho — Custer County — Maps.**

Geochemical sample locality map for the White Cloud-Boulder roadless area, Custer County, Idaho, 85-12808

**Geology — Mexico — Baja California Peninsula — Maps.**

Reconnaissance geologic map of the La Purisima-Paso Hondo area, Baja California Sur, Mexico, 85-12828

**Geology — Nevada — Elko County — Maps.**

Preliminary geologic map of the Peko Hills, Elko County, Nevada, 85-12813

**Geology — Oregon — Harney County — Maps.**

Geologic map of the Pole Canyon quadrangle, Harney County, Oregon, 85-12811

Geologic map of the Red Mountains quadrangle, Harney County, Oregon, 85-12810

**Geology — Oregon — Maps.**

Geologic map of the outcrop area of the Hornbrook formation, Oregon and California, 85-12814

**Geology — Research — United States.**

Evaluation of thermal data for geologic applications, 85-13234

**Geology — Utah — Beaver County — Maps.**

Geologic map of the Beaver Lake Mountains quadrangle, Millard and Beaver counties, Utah /, 85-12893

Geologic map of the Frisco Peak quadrangle, Millard and Beaver counties, Utah /, 85-12894

**Geology — Utah — Maps.**

Geologic map of the Lynndyl 30 x 60 minute quadrangle, Tooele, Juab, Utah, and Millard Counties, Utah, 85-12841

**Geology — Utah — Millard County — Maps.**

Geologic map of the Beaver Lake Mountains quadrangle, Millard and Beaver counties, Utah /, 85-12893

Geologic map of the Frisco Peak quadrangle, Millard and Beaver counties, Utah /, 85-12894

**Geology, Stratigraphic — Charts, diagrams, etc.**

Geologic map and sections of the southwestern Kenai Peninsula west of the Port Graham Fault, Alaska, 85-12830

**Geology, Stratigraphic — Cretaceous.**

The mid-Cretaceous frontier formation near the Moxa arch, southwestern Wyoming /, 85-12745

**Geology, Stratigraphic — Devonian.**

Stratigraphic nomenclature for the upper Devonian and lower Mississippian (?) Kanayut Conglomerate, Brooks Range, Alaska /, 85-12736

**Geology, Stratigraphic — Mississippian.**

Stratigraphic nomenclature for the upper Devonian and lower Mississippian (?) Kanayut Conglomerate, Brooks Range, Alaska /, 85-12736

**Geology, Stratigraphic — Quaternary — Maps.**

Quaternary faults in Lincoln and Uinta Counties, Wyoming, and Rich County, Utah, 85-12812

**Geology, Stratigraphic — Recent — Maps.**

Isopach map of Holocene sediment, Outer Continental Shelf between Yakutat Bay and Dry Bay, Eastern Gulf of Alaska, 85-12805

**Geophysical Fluid Dynamics Laboratory (U.S.) — Periodicals.**

Activities ... plans ..., 85-12112

**Geophysical well logging.**

Borehole logging for radium-226: recommended procedures and equipment /, 85-13726

**Geophysics — Egypt.**

Report on mineral resources geophysics program for Egypt, 85-12838

**Geophysics — Periodicals.**

Activities ... plans ..., 85-12112

**Geophysics — United States.**

Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAG5-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies', 85-13414

**Georgia — Maps, Topographic.**

7.5 minute series (topographic): [Georgia]. 33802-A7-TF-024, Warthen quadrangle, Georgia - Washington Co., 1961 /, 85-12854

**Germany — Foreign relations — United States — Addresses, essays, lectures.**

Reflections on East-West Relations: November 27, 1984., 85-13517

**Germany (West) — Commerce.**

West Germany: the effect of agricultural policy on production and trade /, 85-11990

**Germination.**

Nuttall oak direct seedlings still successful after 11 years /, 85-11926

**Gifford Pinchot National Forest (Wash.) — Maps.**

Gifford Pinchot National Forest, Washington, 1984 /, 85-11884

**Gifts — Taxation — United States.**

Travel, entertainment, and gift expenses., 85-13567

**Glass, Ornamental.**

The preservation of historic pigmented structural glass (Vitrolite and Carrara glass)., 85-12951

**Glass construction.**

The preservation of historic pigmented structural glass (Vitrolite and Carrara glass)., 85-12951

**Glass manufacture — United States —****Statistics.**

1982 census of manufactures. Preliminary report. Industry series. Pressed and blown glass, N.E.C. (industry 3229)., 85-12030

**Gold — Maps.**

Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12795

**Golden-Collum Memorial Federal Building and United States Courthouse (Ocala, Fla.)**

An Act to Designate the Federal Building and United States Courthouse in Ocala, Florida, as the "Golden-Collum Memorial Federal Building and United States Courthouse.", 85-12615

**Government attorneys — United States.**

Attorney careers with the Legal Division., 85-13552

**Government executives — Training of — United States.**

Ready to serve the nation : National Defense Executive Reserve., 85-12526

**Government executives — United States.**

Implementation of the Federal Managers' Financial Integrity Act : first year : report to the Congress /, 85-12536

**Government executives — United States — Periodicals.**

The Federal sector /, 85-13493

**Government information — United States.**

The Freedom of Information Reform Act : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on S. 774 ... May 24, 30; June 20; and August 9, 1984., 85-13870

**Government information — United States — Handbooks, manuals, etc.**

The Freedom of Information Act for attorneys and access professionals., 85-13008

The Freedom of Information Act for attorneys and access professionals. Book II., 85-13009

**Government lending — United States.**

Act to Improve Certain Maritime Programs of the Department of Transportation and the Department of Commerce, 85-12622

Maritime programs improvements of the Departments of Transportation and Commerce., 85-12622

**Government liability — United States.**

An Act to Compensate Heirs of Deceased Indians for Improper Payments from Trust Estates to States or Political Subdivisions Thereof as Reimbursements for Old Age Assistance Received by Decedents During Their Lifetime., 85-12581

Old Age Assistance Claims Settlement Act, 85-12581

State laws and regulations governing settlement of highway construction contract claims and claim disputes., 85-13597

**Government publications — Bibliography.**

Libraries and library collections., 85-12547

**Government publications — Bibliography — Catalogs.**

Armed Forces., 85-12545

Banks and banking., 85-12544

Courts and correctional institutions., 85-12542

Family planning., 85-12552

Fossils., 85-12546

Home economics., 85-12551

Law enforcement., 85-12543

Mammals and reptiles., 85-12541

National Bureau of Standards special publications., 85-12550

School administration, buildings and equipment., 85-12548

United States naval history., 85-12549

United States reports., 85-12539

Water pollution and water resources., 85-12540

**Government purchasing — Law and legislation — United States.**

Small Business and Federal Procurement Competition Enhancement Act of 1984., 85-12613

**Government purchasing — United States.**

General Services Administration management initiatives to increase competition within the federal supply schedule : hearing before a subcommittee on the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 9, 1984., 85-13871

Implementation of Circular A-76 : hearings before the Subcommittee on

Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 20 and 25, 1984., 85-13913

Public relations costs charged to DOD contracts : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 25, 1984., 85-13874

S. 2489, the Small Business Competition Enhancement Act of 1984 and S. 2434, a bill to amend section 15 of the Small Business Act by requiring the assignment of breakout procurement center representatives : hearings before the Committee on Small Business, United States Senate, Ninety-eighth Congress, second session ... April 6 and 12, 1984., 85-13933

VA reaches out to veterans in business : could you use a multibillion dollar customer?, 85-13649

**Government purchasing — United States — Periodicals.**

CFR. 48, Federal acquisition regulations system, 85-12568

Code of federal regulations. 48, Federal acquisition regulations system., 85-12568

Federal acquisition regulations system, 85-12568

**Governmental investigations — United States — Directories.**

Federal evaluations : a directory /, 85-12537

**Grain — Europe, Eastern — Cooperative marketing.**

Cooperative grain trade opportunities in eastern Europe., 85-12008

**Grain — United States — Inspection.**

An Act to Extend Through September 30, 1988, the Period During Which Amendments to the United States Grain Standards Act Contained in Section 155 of the Omnibus Budget Reconciliation Act of 1981 Remain ..., 85-12578

**Grain trade — Argentina.**

Argentine agricultural policies in the grain and oilseed sectors /, 85-11982

**Grain trade — Europe, Eastern.**

Cooperative grain trade opportunities in eastern Europe., 85-12008

**Grammar, Comparative and general — Handbooks, manuals, etc.**

A style guide for CBO : about writing and word usage., 85-13946

## Granite Arizona Maps.

### Granite — Arizona — Maps.

Map showing outcrops of granitic rocks, basin and range province, Arizona /, 85-12753

### Granite — Idaho — Maps.

Map showing outcrops of granitic rocks, ash-flow tuff, and lahatic breccia, basin and range province, Idaho /, 85-12767

### Granite — New Mexico — Maps.

Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico /, 85-12772

### Granite — Oregon — Maps.

Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon /, 85-12780

### Grants-in-aid — United States.

Application for grants under the Law-Related Education Program., 85-12421

Application for grants under Title VI of the Higher Education Act of 1965, as amended : International Research and Studies Program, CFDA number 84.017., 85-12422

Humanities projects in media : guidelines and application instructions., 85-13470

### Grants-in-aid — United States — Accounting.

Federal agencies' audit resolution procedures : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 8, 1984., 85-13865

### Grape products — United States — Marketing.

Market expansion for U.S.-produced wine : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 24, 1984., 85-13942

### Grapes — Storage.

Instructions for forecasting decay in table grapes for storage., 85-11968

### Graphic methods.

Descriptive statistics : tables, graphs, & charts /, 85-12696

### Graphite — United States — Testing.

Space radiation effects on graphite-epoxy composite materials, 85-13088

Temperature dependence of elastic and strength properties of T300/5208 graphite-epoxy, 85-13280

### Graphite fibers.

Effect of substrate chemical pretreatment on the tribological properties of graphite films, 85-13047

### Grasses.

Indiangrass : warm-season grass : how to identify, establish, and manage Indian-grass., 85-11957

### Grasslands — Wyoming — Thunder Basin National Grassland.

Land and resource management plan : draft environmental impact statement : Medicine Bow National Forest and Thunder Basin National Grassland., 85-11947

Medicine Bow National Forest and Thunder Basin National Grassland : land and resource management plan (proposed)., 85-11948

### Gravity — United States — Physiological effect.

Rat body size, composition and growth at hypo- and hypergravity, 85-13427

### Gravity anomalies — Montana — Maps.

Preliminary complete Bouguer gravity anomaly map of the Butte 1°x 2°quad-range, Montana, 85-12825

### Gravity stations — Washington (State)

Principal facts for one-hundred-six gravity stations near the Goat Rocks wilderness area, Washington, 85-12807

### Grazing — Nevada.

Taylor Grazing Act in Nevada, 1934-1984., 85-12961

### Grazing districts — Nevada.

Taylor Grazing Act in Nevada, 1934-1984., 85-12961

### Grazing districts — Oregon.

Proposed John Day resource management plan and final environmental impact statement /, 85-12728

### Great Lakes — Water level — Periodicals.

Great Lakes water levels., 85-12110

### Greenhouses — Climate.

Optimum temperatures for growth of southern Rocky Mountain Engelmann spruce and Douglas-fir seedlings /, 85-11924

### Grievance arbitration — United States — Handbooks, manuals, etc.

Arbitration handbook., 85-13561

### Grocery trade — United States — Statistics.

1982 census of retail trade. Preliminary report. Industry series. Grocery stores (industry 5411)., 85-12049

### Ground support systems (Astronautics) — Addresses, essays, lectures.

The Telecommunications and data acquisition progress report 42-77, 85-13267

## Subject Index

### Guatemala — Description and travel.

Background notes, Guatemala., 85-13528

### Guided bombs — Maintenance and repair — Handbooks, manuals, etc.

Storage and maintenance procedures with illustrated parts breakdown : airfoil group, guided bomb, MXU-724/B, part no. HK020503-601-00., 85-12375

Storage and maintenance procedures with illustrated parts breakdown : target detecting device, modular guided bomb, DSU-27A/B, part no. HG020601-001-00., 85-12377

### Guided bombs — Storage — Handbooks, manuals, etc.

Storage and maintenance procedures with illustrated parts breakdown : airfoil group, guided bomb, MXU-724/B, part no. HK020503-601-00., 85-12375

Storage and maintenance procedures with illustrated parts breakdown : target detecting device, modular guided bomb, DSU-27A/B, part no. HG020601-001-00., 85-12377

### Guided missiles — Design and construction.

Unconventional missile concepts from consideration of varied mission requirements, 85-13101

### Guided missiles — Handbooks, manuals, etc. TOW training /, 85-12249

### Guided missiles — Maintenance and repair.

Analysis to improve the maintenance environment : a view from active-duty missile maintenance personnel /, 85-12409

### Guided missiles — Maintenance and repair — Handbooks, manuals, etc.

DS and GS maintenance manual : radar set AN/MPQ-51 (XO-1) (Improved Hawk Air Defense Guided Missile System)., 85-12260

Equipment improvement report and maintenance digest : HAWK Air Defense Guided Missile System and HAWK battery terminal equipment, (second quarter, CY 1984)., 85-12290

Equipment improvement report and maintenance digest : (Nike-Hercules and Improved Nike-Hercules Air Defense Guided Missile System), second quarter, CY 1984., 85-12289

Organizational, direct support, general support and depot manual : shipment, handling, storage, inspection, care and preservation : HAWK Air Defense Guided Missile System., 85-12264

### Guided missiles — Testing.

DOD's sophisticated munitions : hearing before a subcommittee of the Committee on Government Operations, House

of Representatives, Ninety-eighth Congress, second session, September 18, 1984., 85-13867

**Gums and resins, Synthetic — United States.**  
An investigation into the injection molding of PMR-15 polyimide, 85-13256

**Gunnery — Handbooks, manuals, etc.**  
Personnel qualification standard for MK 68 gunfire control system (GFC), 85-12352

**Guyana — Maps.**  
Guyana., 85-13510

**Gypsy moth — Diseases and pests.**  
Panoramic aerial photography for assessing foliage protection achieved by aerial sprays directed against the gypsy moth., 85-11879

**Gyro compass — Handbooks, manuals, etc.**  
Programmed text : gyrocompass failure., 85-12311

## H

**Haitians — Louisiana.**  
Final report of the Haitian/English language project /, 85-12450

**Haitians — Massachusetts.**  
Final report of the Haitian/English language project /, 85-12450

**Hammond Reservoir (Pa.) — Maps.**  
Tioga-Hammond Lakes /, 85-12327

**Hampton National Historic Site (Towson, Md.)**  
General management plan : Hampton National Historic Site., 85-12943

**Handicapped — Education — United States.**  
A compilation of federal education laws ... as amended through December 31, 1984 /, 85-13812

Heuristic methods for the mildly handicapped : research report and manual for teaching language arts and reading., 85-12456

**Handicapped — Employment — United States.**  
Handbook of job analysis for reasonable accommodation., 85-13488

Teaching severely handicapped students to perform meaningful work in non-sheltered vocational environments : draft /, 85-12455

**Handicapped — Housing — United States.**  
Community and Family Living Amendments of 1983 : field hearing before the Subcommittee on Health of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 13, 1984., 85-13842

**Handicapped — Services for — United States.**  
Handbook of job analysis for reasonable accommodation., 85-13488

Register of disability determination services disability medical consultants., 85-12640

**Handicapped children — Education — Pennsylvania.**  
Oversight hearing on interagency cooperation : hearing before the Subcommittee on Select Education of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Aliquippa, PA, on March 23, 1984., 85-13814

**Handicapped children — Education — United States — Bibliography.**  
Parents guide to the development of preschool handicapped children : resources and services., 85-13023

**Harbors.**  
World port index., 85-12149

**Harbors — United States — Management.**  
Port risk management guidebook : a risk management and insurance reference for U.S. ports /, 85-13642

**Hardwoods.**  
Releasing young hardwood crop trees : use of a chain saw costs less than herbicides /, 85-11901

Ten-year growth of five planted hardwood species with mechanical weed control on Sharkey clay soil /, 85-11928

**Hardwoods — Diseases and pests — Maine.**  
Bruce spanworm., 85-11951

**Harry R.E. Hampton Visitor Center (Columbia, S.C.)**  
An Act to Amend the Act Authorizing the Establishment of the Congaree Swamp National Monument to Provide That at Such Time as the Principal Visitor Center Is Established, Such Center Shall Be Designated as the "Harry R.E. Hampton Visitor Center," and for Other Purposes., 85-12586

**Harvesting time — United States — Statistics.**  
Usual planting and harvesting dates for U.S. field crops., 85-11876

**Hasek, Joseph Karel.**  
Veto of H.R. 1362 : message from the President of the United States vetoing H.R. 1362, a bill for the relief of Joseph Karel Hasek., 85-13679

**Hawaii — Maps, Topographic.**  
7.5 minute series (topographic) : [Hawaii]. 20156-F3-TF-024, Puu O Kali quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12844

gle, Hawaii - Maui Co., Island of Maui /, 85-12844

7.5 minute series (topographic) : [Hawaii]. 20156-F4-TF-024, Maalaea quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12845

7.5 minute series (topographic) : [Hawaii]. 20156-G2-TF-024, Haiku quadrangle, Hawaii - Maui Co., Island of Maui /, 85-12846

7.5 minute series (topographic) : [Hawaii]. 21157-C7-TF-024, Honolulu quadrangle, Hawaii - Honolulu Co., Island of Oahu /, 85-12847

7.5 minute series (topographic) : [Hawaii]. 21157-C8-TF-024, Pearl Harbor, Hawaii - Honolulu Co., Island of Oahu /, 85-12848

7.5 minute series (topographic) : [Hawaii]. 21157-D8-TF-024, Waipahu quadrangle, Hawaii - Honolulu Co., Island of Oahu /, 85-12849

7.5 minute series (topographic) : [Hawaii]. [21158-F1-TF-024], Waimea Canyon quadrangle, Hawaii - Kauai Co., 1983 /, 85-12850

7.5 minute series (topographic) : [Hawaii]. [21159-H5-TF-024], Hanapepe quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12851

7.5 minute series (topographic) : [Hawaii]. [22159-A6-TF-024], Makaha Point quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12852

7.5 minute series (topographic) : [Hawaii]. [22159-B3-TF-024], Anahola quadrangle, Hawaii - Kauai Co., island of Kauai, 1983 /, 85-12853

**Hawaiian monk seal — Habitat.**  
Proposed designation of critical habitat for the Hawaiian monk seal in the northwestern Hawaiian Islands., 85-12108

**Hawaiians — Government policy — United States.**

Native American Programs Act Amendments of 1983 : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4468 ... hearing held in Washington, DC, on March 14, 1984., 85-13816

**Hawk (Missile)**  
Equipment improvement report and maintenance digest : HAWK Air Defense Guided Missile System and HAWK battery terminal equipment, (second quarter, CY 1984), 85-12290

Organizational, direct support, general support and depot manual : shipment,

- handling, storage, inspection, care and preservation : HAWK Air Defense Guided Missile System., 85-12264
- Hawk (Missile) — Maintenance and repair**  
— Handbooks, manuals, etc.  
DS and GS maintenance manual : radar set AN/MPQ-51 (XO-1) (Improved Hawk Air Defense Guided Missile System), 85-12260
- Hazardous substances — Pipe lines — Safety regulations — United States.**  
Pipeline safety regulations : enforcement procedures, part 190 : natural gas part, 191-192 : liquified natural gas, part 193 : hazardous liquids part 195., 85-13639
- Hazardous substances — Transportation — Law and legislation — United States.**  
An Act to Authorize Appropriations for Fiscal Year 1985 to Carry Out the Natural Gas Pipeline Safety Act of 1968 and the Hazardous Liquid Pipeline Safety Act of 1979, and for Other Purposes., 85-12576
- Hazardous substances — United States — Safety measures — Handbooks, manuals, etc.**  
Hazardous materials : storage and handling pocketbook., 85-12229
- Hazardous substances — United States — Storage — Handbooks, manuals, etc.**  
Hazardous materials : storage and handling pocketbook., 85-12229
- Hazardous substances — United States — Transportation.**  
All about radioactive materials packages : a guide for supervisors at cargo terminals., 85-13637
- Importation of solid waste : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session on H.R. 5186 ..., June 25, 1984., 85-13833
- Hazardous waste sites — United States.**  
Hazardous waste sites : descriptions of 244 sites on proposed update #2 to national priorities list, October 1984., 85-12479
- Hazardous wastes — United States — Incineration.**  
Incineration of hazardous wastes at sea : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 12, 1984., 85-13877
- Health.**  
An instructor resource guide for teaching a course in health promotion seminar /, 85-12447

- Health education — United States — Bibliography.**  
Current awareness in school health education., 85-12701
- Health maintenance organizations — Law and legislation — United States.**  
Health maintenance organization amendments of 1984 : report (to accompany S. 2311), 85-13665
- Health maintenance organizations — United States — Finance.**  
Health maintenance organization amendments of 1984 : report (to accompany S. 2311), 85-13665
- Heart — Diseases — Prevention.**  
Exercise and your heart /, 85-12655
- Heat exchangers.**  
Reynolds number effects on pressure loss and turbulence characteristics of four tube-bundle heat exchangers, 85-13093
- Heat-transfer media.**  
A survey of gas-side fouling measure devices, 85-13322
- Heating.**  
Evaluation of natural- and forced-draft staging air systems for nitric oxide reduction in refinery process heaters /, 85-12510
- Heavy metals.**  
A research program in determination of heavy metals in sediments and benthic species in relation to nuclear power plant operation, 85-13249
- Helicopters — Accidents.**  
Aircraft accident report : Western Helicopters, Inc., Bell UH-1B, N87701, Valencia, California, July 23, 1982 /, 85-13588
- Helicopters — Control systems.**  
Programmed text : flight controls, TH-55., 85-12312
- Helicopters — Electric equipment — Handbooks, manuals, etc.**  
Personnel qualification standard for H-1 helicopter qualification section 5 electrical., 85-12356
- Helicopters — Flight testing.**  
Noise measurement flight test : data/analyses, Sikorsky S-76A helicopter /, 85-13615
- Helicopters — Motors.**  
Rotorcraft contingency power study, 85-13396
- Helicopters — Noise.**  
Noise measurement flight test : data/analyses, Sikorsky S-76A helicopter /, 85-13615

- Hemodialysis — Directories.**  
National listing of providers furnishing kidney dialysis and transplant services /, 85-12718
- \*Hemodialysis — United States — directories.**  
National listing of providers furnishing kidney dialysis and transplant services /, 85-12718
- Herbicides — Toxicology.**  
Teratology and postnatal studies in rats of the propylene glycol butyl ether and isooctyl esters of 2,4-dichlorophenoxyacetic acid /, 85-12486
- Herbivora.**  
Microhistological techniques for food habits analyses /, 85-11910
- Higginbotham, A. Leon, 1928-**  
Joint Resolution Providing for the Reappointment of A. Leon Higginbotham, Junior, as a Citizen Regent of the Smithsonian Institution., 85-12600
- High resolution spectroscopy.**  
High resolution X- and gamma-ray spectroscopy of solar flares, 85-13210
- High schools — United States — Curricula.**  
A trend study of high school offerings and enrollments : 1972-73 and 1981-92 /, 85-12442
- High temperature chemistry.**  
Containerless high temperature property measurements by atomic fluorescence, 85-13174
- High temperatures.**  
High-temperature relative enthalpies of CuBr /, 85-12907
- Highway law — United States.**  
Federal-Aid Highway Act of 1982 : report of the Committee on Environment and Public Works, United States Senate, together with additional views to accompany S. 2527., 85-13671
- Hispanic Americans.**  
Hispanics, a part of America's excellence., 85-13010
- Hispanic Americans — Employment — Maryland.**  
Final report on ESL instruction for adult immigrants from North & Central America /, 85-12449
- Histoplasmosis.**  
Histoplasmosis and its relation to bird roosts : a review /, 85-12952
- Historic buildings — Conservation and restoration — Dictionaries.**  
A Glossary of historic masonry deterioration problems and preservation treatments /, 85-12944

**Historic buildings — United States — Conservation and restoration — Periodicals.**

Report to the President and the Congress of the United States /, 85-13701

**Historic sites — Maine.**

Redesignating Saint Croix National Monument, Maine : report (to accompany S.J. Res. 25), 85-13664

**Historic sites — United States — Conservation and restoration.**

Amending the National Historic Preservation Act; miscellaneous conveyances; fee exemptions; and assistance to volunteer groups : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on H.R. 2889 ... H.R. 2982 ... S. 2692 ... H.R. 2838 ... June 28, 1984., 85-13820

**Historic sites — Washington (D.C.) — Rock Creek Park — Conservation and restoration.**

An Act to Authorize the Secretary of the Interior to Enter into Contracts or Cooperative Agreements with the Art Barn Association to Assist in the Preservation and Interpretation of the Art Barn in Rock Creek Park in the District of Columbia, and for Other Purposes., 85-12585

**Historiography — United States — Periodicals.**

Annual report /, 85-13550

**Hocking Soil and Water Conservation District.**

Hocking Soil and Water Conservation District resources inventory., 85-11956

**Home care services — United States — Finance.**

Act to Amend Part A of Title XVIII of the Social Security Act with Respect to the Payment of Rates for Routine Home Care and Other Services Included in Hospice Care, 85-12635

Amendment of part A of Title XVIII of the Social Security Act., 85-12635

**Home economics — Bibliography — Catalogs.**

Home economics., 85-12551

**Homeowners' associations — United States. Tax information for homeowners associations., 85-13574**

**Hoosier National Forest (Ind.)**

Campground information : Wayne-Hoosier National Forest Campgrounds., 85-11882

**Hoover, William Walter, 1932-**

Nomination of William W. Hoover to be Assistant Secretary of Energy (Defense Programs) : hearing before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session ... August 7, 1984., 85-13788

**Horses — Law and legislation — United States — Periodicals.**

Administration of the Wild Free-Roaming Horse and Burro Act, 85-12733

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

**Horticultural machinery — United States — Statistics.**

Summary of trade and tariff information : agricultural and horticultural machinery, lawnmowers, and tractors, TSUS items 666.00, 666.10, 692.34, and 692.35., 85-12978

**Hospital utilization — United States.**

Project overview., 85-12695

**\*Hospitals — United States**

Project overview., 85-12695

**Hospitals — United States — Business management.**

Project overview., 85-12695

**Hospitals — United States — Cost of operation.**

Project overview., 85-12695

**Hospitals — United States — Emergency service — Data processing.**

Computerized algorithms for evaluating prehospital care., 85-13628

**Hospitals — United States — Emergency service — Handbooks, manuals, etc.**

Emergency room manual., 85-13646

**Hospitals, Veterans' — United States — Handbooks, manuals, etc.**

Emergency room manual., 85-13646

**House construction — Energy conservation.**

Demonstration and evaluation of energy efficient systems for residential structures : the energy efficient residence (EER-2) : final report /, 85-12723

**House construction — United States — Statistics.**

1982 census of construction industries. Industry series. General contractors, residential buildings, other than single-family houses, industry 1522., 85-12046

**Household appliances — Energy conservation.**

Demonstration and evaluation of energy efficient systems for residential struc-

tures : the energy efficient residence (EER-2) : final report /, 85-12723

**Housing — Law and legislation — United States — Periodicals.**

Oversight activities of the Committee on Banking, Housing, and Urban Affairs, United States Senate., 85-13672

**Housing — United States — Finance — Statistics — Periodicals.**

Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045

Current housing reports. Series H-150, Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045

Financial characteristics of the housing inventory, 85-12045

**Housing, Rural — Maine — Finance.**

Developing models and public education in home equity conversion for a rural state : final report of Maine's Home Equity Conversion Task Force /, 85-12721

**Housing subsidies — Canal Zone.**

An Act to Amend the Panama Canal Act of 1979 to Authorize Quarters Allowances for Certain Employees of the Department of Defense Serving in the Area Formerly Known as the Canal Zone., 85-12624

**Housing subsidies — New York (N.Y.)**

A study of government-subsidized housing rehabilitation programs and arson : analysis of programs administered in New York City, 1978-1981 /, 85-13002

**Housing surveys — United States —**

**Statistics — Periodicals.**

Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045

Current housing reports. Series H-150, Annual housing survey, United States and regions. Part C, Financial characteristics of the housing inventory., 85-12045

Financial characteristics of the housing inventory, 85-12045

**Human genetics.**

Workshop proceedings : approaches for improving the assessment of human genetic risk : human biomonitoring, December 13-15, 1982, Washington, DC /, 85-12485

**Humidity — Colorado — Fraser Experimental Forest.**

Effects of weather and physiographic conditions on temperature and humidity in subalpine watersheds of the Fraser Experimental Forest /, 85-11904

**Hunting — Washington (State) — Ridgefield National Wildlife Refuge.**

Hunting : Ridgefield National Wildlife Refuge, Washington., 85-12956

**Huron Indians — Claims.**

An Act to Provide for the Use and Distribution of Certain Funds Awarded the Wyandotte Tribe of Oklahoma and to Restore Certain Mineral Rights to the Three Affiliated Tribes of the Fort Berthold Reservation., 85-12626

**Hurricanes — 1979.**

Kinematic analysis of Hurricane Frederick (1979) using satellite, aircraft and rawinsonde data, 85-13451

**Hydraulic engineering — United States — Equipment and supplies — Maintenance and repair.**

Welding repair to hydraulic equipment., 85-12904

**Hydraulic models.**

R. D. Bailey outlet works, Guyandot River, West Virginia : hydraulic model investigation /, 85-12320

**Hydraulic structures — West Virginia.**

R. D. Bailey outlet works, Guyandot River, West Virginia : hydraulic model investigation /, 85-12320

**Hydraulics.**

Leaching and selected hydraulic properties of processed oil shales /, 85-12480

**Hydrocarbons.**

Study of LANDSAT-D thematic mapper performance as applied to hydrocarbon exploration, 85-13367

Summary of trade and tariff information : butadiene, ethylene and other major primary olefins, and certain other hydrocarbons, TSUS items 429.50-429.56., 85-12974

**Hydrocarbons — Environmental aspects — Utah.**

Draft air quality analysis for the combined hydrocarbon EIS, eastern and south-central Utah — Sunnyside STSA /, 85-12730

**Hydrocarbons — Environmental aspects — Utah — Garfield County.**

Draft environmental impact statement on the Circle Cliffs combined hydrocarbon lease conversion /, 85-12727

**Hydroelectric power plants —**

**Environmental aspects — California — San Joaquin Valley.**

Water resources appraisal for hydroelectric licensing : middle San Joaquin Valley basin : Fresno, Madera, Mariposa, and Merced Counties, California., 85-12417

**Hydrogen.**

Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures /, 85-13733

**Hydrologic models.**

Documentation and preliminary validation of H20TRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905

**Hydrology — Great Lakes — Data processing.**

Great Lakes hydrometeorologic and hydraulic data needs : report to the International Joint Commission /, 85-13702

**Hydrology — Illinois — Randolph County.**

Hydrology of a surface coal mined area in Randolph County, Illinois /, 85-12793

**Hydrology — Michigan — Marquette County.**

Hydrogeology and effects of tailings basins on the hydrology of Sands Plain, Marquette County, Michigan /, 85-12790

**Hydrology — Periodicals.**

N.O.A.A., 85-12099

NOAA., 85-12099

**Hydrology — Research.**

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

**Hydrology — United States.**

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

**Hydrology — Utah.**

Hydrologic reconnaissance of the Kolob, Alton, and Kaiparowits Plateau coal fields, south-central Utah, 85-12826

**Hydrometeorological services — Great Lakes.**

Great Lakes hydrometeorologic and hydraulic data needs : report to the International Joint Commission /, 85-13702

**Hydrometeorology — Great Lakes — Data processing.**

Great Lakes hydrometeorologic and hydraulic data needs : report to the International Joint Commission /, 85-13702

**Hygrometers — Calibration.**

Calibration procedure for hygrograph and thermograph system, Honeywell, model Y612X21-FH-11-111-77, Weathertronics model 5020, and Foxboro, model A127., 85-12285

**Hygrometers — Handbooks, manuals, etc.**

Instruction manual hygrothermometer (HO83), 85-12101

**I**

**Ice — Measurement.**

Icing rate on stationary structures under marine conditions /, 85-12324

**Iceland.**

Iceland-north coast, Horn to Raudinupur /, 85-12181

**Icing (Meteorology) — United States.**

Measurement of local connective heat transfer coefficients of four ice accretion shapes, 85-13397

**Idaho — Maps.**

Map showing outcrops of granitic rocks, ash-flow tuff, and laharic breccia, basin and range province, Idaho /, 85-12767

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Idaho /, 85-12768

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Idaho /, 85-12766

Maps showing ground-water units, ground-water levels, springs, and depth to ground waters, basin and range province, Idaho /, 85-12765

**Illinois — Maps, Topographic.**

7.5 minute series (topographic) : [Illinois]. 39090-C1-TM-024, Hettick quadrangle, Illinois - Macoupin Co. /, 85-12857

7.5 minute series (topographic) : [Illinois]. 39090-D2-TM-024, Athensville quadrangle, Illinois /, 85-12858

7.5 minute series (topographic) : [Illinois]. 41089-G4-TM-024, Dixon East quadrangle, Illinois - Lee Co. /, 85-12866

7.5 minute series (topographic) : [Illinois]. 41089-G5-TM-024, Dixon West quadrangle, Illinois - Lee Co. /, 85-12867

7.5 minute series (topographic) : [Illinois]. 41089-H4-TM-024, Grand Detour quadrangle, Illinois /, 85-12868

**Image processing.**

Application of image processing technology to problems in manuscript encapsulation, 85-13226

Investigation of image enhancement techniques for the development of a self-

contained airborne radar navigation system, 85-13151

**Imaging systems — Congresses.**

Spaceborne Imaging Radar Symposium, 85-13215

**Import quotas — United States.**

Import quotas on textiles : the welfare effects of United States restrictions on Hong Kong : an economic policy analysis /, 85-12531

**Income — Canada — Statistical methods — Congresses.**

Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565

**Income — United States — Statistical methods — Congresses.**

Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565

**Income distribution — United States.**

Fact sheet for the Survey of Income and Program Participation., 85-12018

**Income tax — Canada — Statistical methods — Congresses.**

Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565

**Income tax — Law and legislation — United States.**

General explanation of the revenue provisions of the Deficit Reduction Act of 1984 : (H.R. 4170, 98th Congress; Public Law 98-369) /, 85-13935

**Income tax — United States.**

Bankruptcy., 85-13578

Individual retirement arrangements (IRA's), 85-13575

Investment credit., 85-13573

Magnetic tape reporting for Form 941, Employers quarterly federal tax return., 85-13581

A selection of 1984 Internal Revenue Service tax information publications., 85-13580

Tax information on corporations., 85-13570, 85-13571

U.S. tax guide for aliens., 85-13568

**Income tax — United States — Accounting.**  
Accounting periods and methods., 85-13569

**Income tax — United States — Deductions — Charitable contributions.**

Charitable contributions and ministers' and military housing deductions : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 377 and S. 2017, September 26, 1984., 85-13844

**Income tax — United States — Deductions — Charitable contributions — Directories.**

Cumulative list of organizations described in section 170 (c) of the Internal Revenue Code of 1954., 85-13559

**Income tax — United States — Deductions — Expenses.**

Travel, entertainment, and gift expenses., 85-13567

**Income tax — United States — Deductions — Interest.**

Imputed interest rules : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 3, 1984., 85-13837

**Income tax — United States — Statistical methods — Congresses.**

Statistics of income and related administrative record research, 1984 : selected papers given at the 1984 annual meeting of the American Statistical Association in Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565

**Indian Coast (Australia) — Navigation.**

Indian Ocean, Australia-West Coast, Western Australia, Houtman Abrolhos and adjacent coast /, 85-12205

**Indian Ocean — Navigation.**

Africa-east coast, Somalia, Cadale (Italia) to Baraawe /, 85-12195

Indian Ocean, Africa-east coast, Kenya-Tanzania, Dar es Salaam to Mombasa Harbor /, 85-12194

Indian Ocean, Africa-East Coast, Somalia, g. Raas Garmaal to g. Raas Cabaad., 85-12196

Indonesia, Sumatera-West Coast, Padang to Bengkulu including Kepulauan Mentawai /, 85-12201

**Indians of North America — Children — Education.**

Nonverbal communications between American Indian children and their teachers : final report /, 85-12463

**Indians of North America — Claims.**

An Act to Compensate Heirs of Deceased Indians for Improper Payments from Trust Estates to States or Political Subdivisions Thereof as Reimbursements for Old Age Assistance Re-

ceived by Decedents During Their Lifetime., 85-12581

Old Age Assistance Claims Settlement Act, 85-12581

**Indians of North America — Economic conditions.**

Report and recommendations to the President of the United States., 85-13494

**Indians of North America — Economic conditions — Periodicals.**

Annual report to Congress. Indian and Alaska native housing and community development programs, 85-12725

Department of Housing and Urban Development annual report to Congress on Indian and Alaska native housing and community development programs., 85-12725

**Indians of North America — Financial affairs.**

Native American Programs Act Amendments of 1983 : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4468 ... hearing held in Washington, DC, on March 14, 1984., 85-13816

**Indians of North America — Government relations.**

Indian Gambling Control Act : hearing before the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4566 ... hearing held in Washington, DC, June 19, 1984., 85-13882

Report and recommendations to the President of the United States., 85-13494

**Indians of North America — Housing — Periodicals.**

Annual report to Congress. Indian and Alaska native housing and community development programs, 85-12725

Department of Housing and Urban Development annual report to Congress on Indian and Alaska native housing and community development programs., 85-12725

**Indians of North America — Land transfers.**

Joint Resolution to Make Technical Corrections in the Act of January 12, 1983 (Public Law 97-459), 85-12630

**Indians of North America — North Dakota — Land tenure.**

An Act Pertaining to the Inheritance of Trust or Restricted Land on the Lake Traverse Indian Reservation, North

- Dakota and South Dakota, and for Other Purposes., 85-12592
- An Act to Provide for the Use and Distribution of Certain Funds Awarded the Wyandotte Tribe of Oklahoma and to Restore Certain Mineral Rights to the Three Affiliated Tribes of the Fort Berthold Reservation., 85-12626
- Indians of North America — Oklahoma — Claims.**  
An Act to Provide for the Use and Distribution of Certain Funds Awarded the Wyandotte Tribe of Oklahoma and to Restore Certain Mineral Rights to the Three Affiliated Tribes of the Fort Berthold Reservation., 85-12626
- Indians of North America — Oklahoma — Legal status, laws, etc.**  
An Act to Provide That Any Osage Heir or Restricted Real Estate or Funds Which Is Part of the Estate of a Deceased Osage Indian Who Did Not Possess a Certificate of Competency at the Time of Death Shall Be Exempt from Any Estate or Inheritance Tax Imposed by the State of Oklahoma., 85-12612
- Indians of North America — Probate law and practice.**  
Joint Resolution to Make Technical Corrections in the Act of January 12, 1983 (Public Law 97-459), 85-12630
- Indians of North America — Reservations.**  
Report and recommendations to the President of the United States., 85-13494
- Indians of North America — South Dakota — Land tenure.**  
An Act Pertaining to the Inheritance of Trust or Restricted Land on the Lake Traverse Indian Reservation, North Dakota and South Dakota, and for Other Purposes., 85-12592
- Indians of North America — Washington (State) — Antiquities.**  
Summary prehistory and ethnography of Olympic National Park, Washington /, 85-12946
- Individual retirement accounts — Taxation — United States.**  
Individual retirement arrangements (IRA's), 85-13575
- Individualized instruction.**  
Factors critical to the implementation of self-paced instruction : a background review /, 85-12411  
Self-paced instruction : factors critical to implementation in Air Force technical training : a preliminary inquiry /, 85-12410

- Industrial hygiene — United States.**  
Occupational health and safety program., 85-12481  
OSHA hearings—state staffing levels and OSHA hazard communication standards : hearings before the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.J. Res. 319 ... and H.J. Res. 514 ..., hearings held in Washington, DC, on June 6, 26, 1984., 85-13817
- Industrial productivity — United States.**  
Increasing productivity and administrability of the tax code : hearing before the Subcommittee on Oversight of the Internal Revenue Service of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 17, 1984., 85-13840  
Restoring productivity growth in America : a challenge for the 1980's : a report to the President of the United States and the Secretary of the Treasury., 85-13492
- Industrial productivity — United States — Data processing.**  
Management of CAD/CAM information, 85-13124
- Industrial relations — United States.**  
Labor-management relations and employee health and safety at the General Dynamics Corp. : joint hearing before the Subcommittee on Labor-Management Relations and the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 20, 1984., 85-13815
- Industrial relations — United States — Handbooks, manuals, etc.**  
Advanced labor negotiation techniques., 85-12274
- Industrial safety — United States.**  
Labor-management relations and employee health and safety at the General Dynamics Corp. : joint hearing before the Subcommittee on Labor-Management Relations and the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 20, 1984., 85-13815  
Occupational health and safety program., 85-12481  
OSHA hearings—state staffing levels and OSHA hazard communication standards : hearings before the Subcommittee on Health and Safety of the Com-

- mittee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.J. Res. 319 ... and H.J. Res. 514 ..., hearings held in Washington, DC, on June 6, 26, 1984., 85-13817
- Infection — Prevention.**  
Management skills for infection control nurses, March 4-15, 1985, Centers for Disease Control, Atlanta, Georgia., 85-12697
- Influenza — United States.**  
Influenza., 85-12656, 85-12657
- Information networks — United States.**  
Information technology R&D : critical trends and issues : summary., 85-13755
- Information storage and retrieval systems — Law — United States — Handbooks, manuals, etc.**  
Library Services handbook., 85-12990
- Information storage and retrieval systems — Medicine — Handbooks, manuals, etc.**  
Information and instruction handbook no. VI-A for automatic data processing : definitions and specifications-master files, IMPAC NIH : a computer based information system on the Extramural Programs of NIH., 85-12651
- Infra-red horizon sensors.**  
Evaluation of thermal data for geologic applications, 85-13234
- Ink — Statistics.**  
Summary of trade and tariff information : artists' colors, inks and ink powders, and paints, coating, and related items : TSUS items 408.12, 408.48, 413.50, and 474.02-474.62., 85-12976
- Insects — Classification.**  
The genus *Brachycentrus* in North America, with a proposed phylogeny of the genera of *Brachycentridae* (Trichoptera) /, 85-13546  
Revision of North American *Liris Fabricius* (Hymenoptera:Sphecoidea, Larriidae) /, 85-13548
- Insects — North America — Classification.**  
The genus *Brachycentrus* in North America, with a proposed phylogeny of the genera of *Brachycentridae* (Trichoptera) /, 85-13546  
Revision of North American *Liris Fabricius* (Hymenoptera:Sphecoidea, Larriidae) /, 85-13548
- Insects — United States — Flight.**  
A Fundamental approach to the sticking of insect residues to aircraft wings, 85-13310

**Institute for Computer Applications in Science and Engineering.**  
Status of research at the Institute for Computer Applications in Science and Engineering, 85-13187

**Insulation (Heat)**  
Optimization of cooled shields in insulations, 85-13153

**Insurance, Disability — United States.**  
Register of disability determination services disability medical consultants, 85-12640

**Insurance, Flood — Colorado — Fremont County.**  
Flood insurance study : city of Florence, Colorado, Fremont County., 85-12528

**Insurance, Flood — Missouri — Clay County.**  
Flood insurance study : city of Liberty, Missouri, Clay County., 85-12529

**Insurance, Health — United States.**  
Medical care cost recovery : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4666 ... March 7, 1984., 85-13889

Private health insurance coverage of the medicare population., 85-12694

**Insurance, Marine — United States.**  
Port risk management guidebook: a risk management and insurance reference for U.S. ports /, 85-13642

**Insurance, Physicians' liability — United States.**  
Alternative Medical Liability Act : hearing before the Subcommittee on Health of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5400 ... June 28, 1984., 85-13940

**Insurance, Unemployment — United States.**  
An Act to Amend the Tax Equity and Fiscal Responsibility Act of 1982 with Respect to the Effect of the 1985 Increase in the Federal Unemployment Tax Rate on Certain Small Business Provisions Contained in State Unemployment Compensation Laws., 85-12625

**Integral equations.**  
An Interval logic for higher-level temporal reasoning, 85-13185

**Integrated circuits.**  
Crystal growth of device quality GaAs in space, 85-13208

Design considerations for a monolithic, GaAs, dual-mode, QPSK/QASK, high-through put rate transceiver, 85-13265

**Intellectual property — United States.**  
Oversight on international copyrights : hearing before the Subcommittee on Patents, Copyrights and Trademarks of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on how to protect the nation's creativity by protecting the value of intellectual property, September 25, 1984., 85-13896

**Intensive care units — United States.**  
Intensive care units (ICUs) : clinical outcomes, costs, and decisionmaking /, 85-13751

**Intercontinental ballistic missiles.**  
Review of United States strategic forces : communication from the President of the United States transmitting a detailed technical assessment review of U.S. strategic forces, pursuant to subsection 7 of Title V, Public Law 97-377., 85-13673

**Intercultural education — United States.**  
A guide to culture in the classroom /, 85-12444

**Interferometer.**  
Effects of spacecraft reflections on RF interferometer position location accuracy, 85-13413

Multipath induced errors in meteorological Doppler/interferometer location systems, 85-13412

Three component velocity measurements using Fabry-Perot interferometer, 85-13064

**Interferon.**  
NIAID interferon reagents : a program of the National Institute of Allergy and Infectious Diseases., 85-12671

**Internal revenue — United States.**  
Revenue procedure 85-1., 85-13562  
Revenue procedure 85-2., 85-13563

**International agencies — Government policy — United States.**  
Recent developments in UNESCO and their implications for U.S. policy: hearings before the Subcommittees on Human Rights and International Organizations and on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, July 26; September 13; December 6, 1984., 85-13859

**International Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers.**  
Oversight on Boilermakers, 1983 : hearings before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, first session, on examination on alleged ille-

gal sales of union memberships or books to unqualified welders by officials of local chapters of the International Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers., 85-13899

**International business enterprises — Taxation — United States — States.**  
Unitary tax : hearing before the Subcommittee on International Economic Policy of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 20, 1984., 85-13863

**International cooperation.**  
United States-Spain cooperative program in basic sciences., 85-13473

**International economic relations.**  
US prosperity and the developing countries., 85-13535

**International economic relations — Addresses, essays, lectures.**  
The medium-term outlook for the world economy : November 22, 1984., 85-13520

**International Monetary Fund.**  
Africa, the World Bank, and the IMF : an appraisal : hearing before the Subcommittee on Africa of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, February 23, 1984., 85-13847

**International Statistical Programs Center (U.S.). Training Branch — Curricula.**  
Statistical training programs, 1985-1986., 85-12019

**International Telecommunication Union.**  
1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983., 85-13663

**Interpolation.**  
The Lanczos-preconditioned, folded skin (sin x)/x interpolator, 85-12832

**Interstate commerce.**  
Discriminatory taxation on pipelines : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on S. 2932 ... September 28, 1984., 85-13795

## Interstellar matter.

### Interstellar matter.

Research on the use of space resources, 85-13236

### Intrusions (Geology) — Oregon.

Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835

### Intrusions (Geology) — Washington (State)

Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835

### Inventory control — Handbooks, manuals, etc.

D.I.D.S. procedures manual. Vol. 11, Edit/validation criteria, 85-12225

D.I.D.S. procedures manual. Vol. 14, Reports and statistics, 85-12227

D.I.D.S. procedures manual. Vol. 16, Remote terminal system, 85-12228

Defense Integrated Data System DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids, 85-12224

Defense Integrated Data System DIDS procedures manual. Vol. 11, Edit/validation criteria, 85-12225

Defense Integrated Data System DIDS procedures manual. Vol. 13, Materiel management decision rule tables, 85-12226

Defense Integrated Data System DIDS procedures manual. Vol. 14, Reports and statistics, 85-12227

Defense Integrated Data System DIDS procedures manual. Vol. 16, Remote terminal system, 85-12228

DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids, 85-12224

DIDS procedures manual. Vol. 11, Edit/validation criteria, 85-12225

DIDS procedures manual. Vol. 13, Materiel management decision rule tables, 85-12226

DIDS procedures manual. Vol. 14, Reports and statistics, 85-12227

DIDS procedures manual. Vol. 16, Remote terminal system, 85-12228

Edit/validation criteria, 85-12225

Inventory management supervisor (AFSC 64570) /, 85-12401

Materiel management decision rule tables, 85-12226

Multiple application references/instructions/tables and grids, 85-12224

Remote terminal system, 85-12228

Reports and statistics, 85-12227

### Investment analysis.

An analytical framework for examining investment in agriculture /, 85-11991

### Investment of public funds — United States.

An Act to Extend Through September 30, 1988, the Period During Which Amendments to the United States Grain Standards Act Contained in Section 155 of the Omnibus Budget Reconciliation Act of 1981 Remain ..., 85-12578

### Investment tax credit — United States.

Investment credit, 85-13573

Phantom tax reform : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4923 ... June 12, 1984., 85-13826

### Ion-permeable membranes.

Anion permselective membrane, 85-13402

### Ion rockets — Propellant feed systems.

Performance capabilities of the 12-centimeter xenon ion thruster, 85-13059

### Ionosphere.

Speed-dependent collision effects on radar back-scattering from the ionosphere, 85-13204

A Study of the atmosphere and ionosphere using satellite observations of 300-1400 A airglow, 85-13206

### Ions.

Evaluation of environmental factors affecting yields of major dissolved ions of streams in the United States /, 85-12741

A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319

### Iron — Corrosion.

Interaction of sulfuric acid corrosion and mechanical wear of iron, 85-13075

### Iron alloys — Analysis.

Creep-rupture behavior of candidate Stirling engine alloys after long-term aging at 760°C in low-pressure hydrogen, 85-13061

### Iron ores — Arizona.

Preliminary map of limonitic hydrothermal alteration for portions of the Needles 1°x 2°quadrangle, Arizona and California, 85-12816

### Iron ores — Arizona — Maps.

Preliminary map of limonitic hydrothermal alteration for portions of the Needles 1°x 2°quadrangle, Arizona and California, 85-12816

### Iron ores — California.

Preliminary map of limonitic hydrothermal alteration for portions of the Needles 1°x 2°quadrangle, Arizona and California, 85-12816

## Subject Index

Needles 1°x 2°quadrangle, Arizona and California, 85-12816

### Iron ores — California — Maps.

Preliminary map of limonitic hydrothermal alteration for portions of the Needles 1°x 2°quadrangle, Arizona and California, 85-12816

### Irrigation — United States — Handbooks, manuals, etc.

Technical irrigation pumping plant test procedure manual /, 85-12420

### Irrigation, Furrow — Texas.

Furrow dike water conservation practices in the Texas High Plains /, 85-11853

### Isotope geology — United States — Computer programs.

PBDAT, a program for reduction of Pb-U-Th isotope data, for use with HP-86/87 microcomputers, 85-12829

## J

### Jamaica — Description and travel.

Background notes, Jamaica., 85-13529

### Jamaica (New York, N.Y.)

Aircraft accident report : Scandinavian Airlines System flight 901, McDonnell Douglas DC-10-30, John F. Kennedy International Airport, Jamaica, New York, February 28, 1984 /, 85-13589

### Japan — Commerce — United States.

United States-Japan trade : the \$30 billion gap : hearing before the Subcommittee on East Asian and Pacific Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, October 3, 1984., 85-13860

### Japan — Economic policy.

Japanese tax policy : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, September 24, 1984., 85-13807

### Japan, Sea of — Navigation.

Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to Mys Nizhennyy /, 85-12213

Japan, Honshu-northwest coast and Kyushu north coast, Kammon Kaikyo to Hirado Seto., 85-12219

Japan, Honshu-northwest coast, Noto Hanto and approaches., 85-12215

Japan, Honshu-northwest coast, Tottori Ko to Mikuni Ko., 85-12216

### Jet planes — Flight testing.

Real jet effects on dual jets in a cross-flow, 85-13361

## June 1985

### Jet planes — Fuel.

Combustion gas properties : I-ASTM jet A fuel and dry air /, 85-13465

Computer analysis of effects of altering jet fuel properties on refinery costs and yields, 85-13392

### Jet planes — Noise.

Student handout : noise in Army aviation, 23-4507-1, 34-4507-1, 35-4507-1, 68-4507-1, 76-4507-1, 5/69-4507-2., 85-12309

### Jet planes — Noise — Mathematical models.

Spinning mode acoustic radiation from the flight inlet, 85-13190

### Jet propulsion — Bibliography.

Publications of the Jet Propulsion Laboratory, 1982, 85-13251

### Jet Propulsion Laboratory (U.S.) — Bibliography.

Publications of the Jet Propulsion Laboratory, 1982, 85-13251

### Jets — Fluid dynamics.

An experimental investigation of gas jets in confined swirling air flow /, 85-13141

Flowfield measurements in a model scramjet combustor using laser-induced iodine fluorescence, 85-13433

On modeling dilution jet flowfields, 85-13070

### Job analysis.

Handbook of job analysis for reasonable accommodation., 85-13488

### John J. Pershing Veterans' Administration Medical Center.

An Act to Redesignate the Veterans' Administration Medical Center Located in Poplar Bluff, Missouri, as the "John J. Pershing Veterans' Administration Medical Center.", 85-12618

### Journalism, Military — United States — Handbooks, manuals, etc.

Handbook for stringers in the Armed Forces /, 85-12141

### Judges — United States — Retirement.

An Act to Amend the Bankruptcy Amendments and Federal Judgeship Act of 1984 to Make Technical Corrections with Respect to the Retirement of Certain Bankruptcy Judges, and for Other Purposes., 85-12598

### Judges — Washington (D.C.)

D.C. judges and independent counsel : hearings and markups before the Subcommittees on Fiscal Affairs and Health, Judiciary and Education and the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on H. R. 3655 ... H.R.

3920 ... H.R. 4146 ... H.R. 4371 ... H.R. 5279 ... H.R. 5636 ... H.R. 5951 ... H.R. 5379 and H.R. 6007 ... September 20, 28, 29, and November 17, 1983; May 2, June 14, 28, and July 24, 25, 1984., 85-13803

### Judgment.

Self-reports of teacher judgment /, 85-12474

### Jupiter (Planet)

Shock vaporization and the accretion of the icy satellites of Jupiter and Saturn, 85-13351

### Justice, Administration of — New York (State) — Rockland County.

Financial assistance to Rockland County, NY, in the Brinks robbery trial : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5763 ... September 19, 1984., 85-13886

### Justice, Administration of — United States.

What changes are most needed in the procedures used in the United States justice system? : national debate topic for high schools 1983-1984, pursuant to Public Law 88-246 /, 85-13660

### Justice, Administration of — United States — States.

State Justice Institute Act of 1984 : report (to accompany S. 384), 85-13669

### Juvenile corrections — United States.

Preventive detention of juveniles : hearing before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, oversight hearing to review the recent Supreme Court decision relating to the pretrial detention of juvenile offenders, June 19, 1984., 85-13892

### Juvenile detention homes — Government policy — United States.

Federal assistance to states to prevent the abuse of children in child care facilities : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 521 ... S. 1924 ... April 11 and September 18, 1984., 85-13897

### Juvenile detention homes — United States.

Preventive detention of juveniles : hearing before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, oversight hearing to review the recent Supreme Court decision relating

## Labor laws and legislation U.S.

to the pretrial detention of juvenile offenders, June 19, 1984., 85-13892

### Juvenile justice, Administration of — United States.

Better monitoring and recordkeeping systems needed to accurately account for juvenile justice practice : report to the Chairman, Subcommittee on Human Resources, Committee on Education and Labor, House of Representatives /, 85-12534

## K

### Kidnapping, Parental — United States.

Title IV, Missing Children's Assistance Act : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4971 ... hearing held in Chicago, IL, on April 9, 1984., 85-13811

### \*Kidney — transplantation — United States — directories.

National listing of providers furnishing kidney dialysis and transplant services /, 85-12718

### Kidneys — Diseases — Research — United States — Periodicals.

Kidney & urinary tract diseases and treatment /, 85-12676

NIADDK research advances, 85-12676

NIAMDD research advances, 85-12676

### Kidneys — Transplantation — Directories.

National listing of providers furnishing kidney dialysis and transplant services /, 85-12718

### Kilauea Volcano (Hawaii)

Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 /, 85-12734

### Korea Strait — Navigation.

Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to Mys Nizmennyy /, 85-12213

Asia, South Korea-South coast, Donae Hae to Busan Hang (Tonae Hae to Pusan Hang), including Tsushima (Japan) /, 85-12214

## L

### Labor laws and legislation — United States.

Regulations, part 5 : labor standards provisions applicable to contracts covering federally financed and assisted construction : title 29, part 5 of the Code of Federal Regulations., 85-13016

**Labor laws and legislation — United States — Cases.**

Court decisions relating to the National Labor Relations Act., 85-13028

Decisions and orders of the National Labor Relations Board., 85-13027

**Labor laws and legislation — United States — Periodicals.**

Report on the activities of the Committee on Education and Labor during the ... Congress., 85-13689

**Labor supply — United States — Statistics — Periodicals.**

Geographic profile of employment and unemployment /, 85-13012

**Laboratory animals — Law and legislation — United States.**

Improved Standards for Laboratory Animals Act; and enforcement of the Animal Welfare Act by the Animal and Plant Health Inspection Service : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5725, September 19, 1984., 85-13771

**Lambole, Paul H.**

Nominations—ICC : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on J.J. Simmons III, Paul H. Lambole, and Andrew John Strenio, Jr., to be commissioners, Interstate Commerce Commission, August 6, 1984., 85-13800

**Laminar flow.**

Interacting boundary-layer solutions for laminar separated flow past airfoils, 85-13195

**Laminated materials — Testing.**

Delamination growth analysis in quasi-isotropic laminates under loads simulating low-velocity impact, 85-13097

**Lance (Missile) — Bibliography.**

List of applicable publications (LOAP) for Lance Field Artillery Missile System., 85-12259

**Land titles — Registration and transfer — Louisiana.**

An Act to Direct the Secretary of Agriculture to Convey, for Certain Specified Consideration, to the Sabine River Authority Approximately Thirty-One Thousand Acres of Land within the Sabine National Forest to Be Used for the Purposes of the Toledo Bend Project, Louisiana and Texas, and for Other Purposes., 85-12610

**Land titles — Registration and transfer — Ohio — Seneca County.**

Act Providing for the Conveyance of Public Lands, Seneca County, Ohio, 85-12621

Conveyance of public lands, Seneca County, Ohio., 85-12621

**Land titles — Registration and transfer — Washington (D.C.)**

An Act to Authorize the Administrator of General Services to Transfer to the Smithsonian Institution Without Reimbursement the General Post Office Building and the Site Thereof Located in the District of Columbia, and for Other Purposes., 85-12595

**Land use — Colorado.**

Effects of land-use conversion on water runoff and soil erosion., 85-11967

**Land use — Environmental aspects — Arizona.**

Proposed wilderness program for the Phoenix Wilderness EIS area : Maricopa, Mohave, Pima, Pinal and Yavapai Counties, Arizona /, 85-12729

**Land use — Environmental aspects — Texas — Lower Rio Grande Valley National Wildlife Refuge.**

Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy Counties, Texas /, 85-12953

**Land use — Michigan.**

Photo interpretation key to Michigan land cover use, 85-13385

**Land use — Ohio.**

Hocking Soil and Water Conservation District resources inventory., 85-11956

**Land use — United States.**

Identifying environmental features for land management decisions, 85-13379

Major uses of land in the United States : preliminary estimates for 1982 /, 85-11998

**Land use — Utah.**

Price River Resource Area management framework plan summary., 85-12959

**Land use — Utah — Salt Lake County.**

Land use inventory of Salt Lake County, Utah from color infrared aerial photography, 1982, 85-13378

**Land use, Rural — Arizona — Graham County.**

Important farmlands of Graham County, Arizona /, 85-11964

**Land use, Rural — Georgia.**

Land management programs for agriculture in southwest Georgia /, 85-11996

**Land value taxation — Louisiana.**

Use valuation of Louisiana's rural lands : short-run fiscal impacts /, 85-11909

**Landforms — Alaska — Koyukuk River Valley — Maps.**

Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyukuk lowland, Alaska, 85-12824

**Landsat satellites.**

CCRS proposal for evaluating LANDSAT-4 MSS and TM data, 85-13422

The effects of solar incidence angle over digital processing of LANDSAT data, 85-13371

Evaluation of radiometric and geometric characteristics of LANDSAT-D imaging system, 85-13386

Identifying environmental features for land management decisions, 85-13379

Investigation of forestry resources and other remote sensing data, 85-13419

Investigation of radiometric properties of the LANDSAT-4 multispectral scanner, 85-13376

Landsat-D investigations in snow hydrology, 85-13368

LANDSAT-D thematic mapper image dimensionality reduction and geometric correction accuracy, 85-13374

LANDSAT 4 band 6 data evaluation, 85-13365, 85-13375

LANDSAT 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C), 85-13380

LANDSAT 4 program, 85-13366

LANDSAT-4 thematic mapper modulation transfer function (MTF) evaluation, 85-13377

Levantamento da frequencia de cobertura de nuvens em dados do LANDSAT no periodo de 1973 a 1981, 85-13384

Quarterly report, Landsat 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C), 85-13370

Spatial reasoning to determine stream network from LANDSAT imagery, 85-13405

Study of LANDSAT-D thematic mapper performance as applied to hydrocarbon exploration, 85-13367

**Langley Research Center. Structures and Dynamics Division.**

Structures and Dynamics Division, 85-13100

**Language arts — United States.**

Heuristic methods for the mildly handicapped : research report and manual

for teaching language arts and reading., 85-12456

Language arts., 85-12133

#### **Lanthanum — Maps.**

Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12803

#### **Large space structures (Astronautics)**

Space station needs, attributes, and architectural options, 85-13291, 85-13292, 85-13293

Space station needs, attributes, and architectural options study, 85-13294

A Study of space station needs, attributes & architectural options, 85-13297, 85-13304, 85-13352

#### **Lasers.**

Laser-assisted solar cell metallization processing, 85-13348, 85-13349

"Long range coherence in free electron lasers", 85-13285

#### **Lasers in aeronautics.**

The construction of a highly transportable laser ranging station, 85-13434

Dye laser traveling wave amplifier, 85-13408

"Long range coherence in free electron lasers", 85-13285

#### **Launch vehicles (Astronautics)**

An Act to Facilitate Commercial Space Launches, and for Other Purposes., 85-12611

Commercial Space Launch Act, 85-12611

Space launch vehicles., 85-13133

#### **Law — United States — Handbooks, manuals, etc.**

The Freedom of Information Act for attorneys and access professionals. Book II., 85-13009

#### **Law enforcement — United States.**

Federal drug law enforcement and interdiction : hearing before the Select Committee on Narcotics Abuse and Control, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13911

#### **Law enforcement — United States — Bibliography — Catalogs.**

Law enforcement., 85-12543

#### **Lawyers — United States — Handbooks, manuals, etc.**

The Freedom of Information Act for attorneys and access professionals., 85-13008

#### **Layoff systems — Government policy — United States.**

RIF's at DOE : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 10, 1984., 85-13834

#### **Lead — Maps.**

Map showing the distribution and abundance of lead in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12801

#### **Lead compounds — Environmental aspects — United States.**

Optimum sampling site exposure criteria for lead /, 85-12521

#### **Leadership.**

An American sunrise : the Vietnam Veterans Leadership Program : a history of ACTION's three-year veteran's initiative : technical report /, 85-12011, 85-12012

Leadership education I /, 85-12381

#### **Leadership — Handbooks, manuals, etc.**

Pre-command course., 85-12236

#### **Leading edges (Aerodynamics) — Testing.**

An analytical design procedure for the determination of effective leading edge extensions on thick delta wings, 85-13429

#### **Least squares.**

Rational-spline approximation with automatic tension adjustment /, 85-13466

#### **Legal assistance to servicemen — United States.**

Legal services : status of forces policies, procedures, and information., 85-12251

#### **Legal assistants — United States — Handbooks, manuals, etc.**

Legal services technician (AFSC 70570) /, 85-12403

#### **Legal services — United States — Handbooks, manuals, etc.**

Legal services technician (AFSC 70570) /, 85-12404

#### **Legislative oversight — United States.**

An Act to Prevent Disruption of the Structure and Functioning of the Government by Ratifying All Reorganization Plans as a Matter of Law., 85-12599

Ratification of reorganization plans : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6225 ... September 20, 1984., 85-13875

#### **Legislators — United States — Biography — Addresses, essays, lectures.**

Memorial addresses and other tributes in the Congress of the United States on the life and contributions of Milton R. Young, Ninety-eighth Congress, first session /, 85-13661

#### **Liability for hazardous substances pollution damages — United States.**

Superfund Expansion and Protection Act of 1984 : hearing before the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5640 ... July 25, 1984., 85-13941

#### **Liability for marine accidents — United States.**

Section-by-section comparison of January 9, 1985 draft recodification of maritime liability laws /, 85-13907

#### **Liberia — Description and travel.**

Liberia, post report., 85-13533

#### **Libraries — United States — Bibliography.**

Libraries and library collections., 85-12547

#### **Libraries and state — United States.**

Reauthorization of the Library Services and Construction Act, 1984 : hearing before the Subcommittee on Education, Arts, and Humanities of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on proposed legislation authorizing funds for programs of the Library Services and Construction Act, March 23, 1984., 85-13904

#### **Library information networks — United States.**

Library data base guide., 85-12991

#### **Life — Origin.**

Investigation of compounds essential for the origin of life, 85-13250

#### **Life on other planets — Bibliography.**

Publications of the Exobiology Program for 1983 : a special bibliography /, 85-13128

#### **Life-saving — United States — Handbooks, manuals, etc.**

Self aid/buddy care instructions., 85-12370

#### **Lifting and carrying — Handbooks, manuals, etc.**

Operator's and organizational maintenance manual (including repair parts and special tools lists) together with supplemental operating maintenance and repair parts instructions (SO-MARPI) for spreader, lifting frames, NSN 3990-01-128-0089 (linefast model

## Lifting and carrying Handbooks, manuals, etc.

no. 7127-51A-20L), NSN 3990-01-128-0090 (linefast model no. 7127-51A-35L) ... 85-12263

### Light water reactors — United States —

#### Safety measures.

X-ray measurements of water fog density /, 85-13719

### Light water reactors — United States —

#### Waste disposal.

Solidification and leaching of boric acid and resin LWR wastes : topical report /, 85-13737

### Lightning — United States.

Correlated measurements of UHF radar signatures, RF radiation, and electric field changes from lightning, 85-13084

### Lightning — United States — Mathematical models.

Tortuosity of lightning return stroke channels, 85-13119

### Linear algebraic groups — Computer programs.

A comparative study of linear array synthesis technique using a personal computer /, 85-12362

### Link trainers.

Training effectiveness evaluation and utilization demonstration of a low cost cockpit procedures trainer /, 85-12339

### Liquefied natural gas — Pipe lines — Safety regulations — United States.

Pipeline safety regulations : enforcement procedures, part 190 : natural gas part, 191-192 : liquefied natural gas, part 193 : hazardous liquids part 195., 85-13639

### Liquid metals — Computer programs.

CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions /, 85-13738

### Liquor laws — United States.

National minimum drinking age : hearing before the Subcommittee on Alcoholism and Drug Abuse of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on examining the tragedy of alcohol-related auto fatalities and whether the answer to this problem is to increase the minimum drinking age ... June 19, 1984., 85-13903

### Liris — Classification.

Revision of North American Liris Fabricius (Hymenoptera:Sphecoidea, Laridae) /, 85-13548

### Livestock — Canada — Marketing.

Review the impact of Canadian trade on U.S. Livestock producers : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee

on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 23, 1984., 85-13768

### Loans — United States — Statistics.

A Brief history of Farmers Home Administration /, 85-11972

### Loblolly-pine.

Stand structure and yields of site-prepared loblolly pine plantations in the lower Coastal plain of the Carolinas, Georgia, and north Florida /, 85-11943

### Local finance — New York (State) —

#### Rockland County.

Financial assistance to Rockland County, NY, in the Brinks robbery trial : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5763 ... September 19, 1984., 85-13886

### Local finance — United States.

An Act to Establish Uniform Audit Requirements for State and Local Governments Receiving Federal Financial Assistance., 85-12583

Single Audit Act of 1984, 85-12583

### Local transit — Pennsylvania.

Transit marketing in Pennsylvania : a handbook of effective transit marketing aids /, 85-13585

### Lodge-pole pine.

Lumber recovery from insect-killed lodgepole pine in the northern Rocky Mountains /, 85-11902

### Lodge-pole pine — Diseases and pests.

Lodgepole pine dwarf mistletoe /, 85-11890

### Logging — Machinery.

Drive-to-tree, rubber-tired feller buncher production studies /, 85-11944

### Logging — Montana.

Estimators and characteristics of logging residue in Montana /, 85-11903

### Logging — Rocky Mountains.

Lumber recovery from insect-killed lodgepole pine in the northern Rocky Mountains /, 85-11902

### Logic circuits.

Navy electricity and electronics training series., 85-12346

### Logistics — Handbooks, manuals, etc.

Logistics plans specialist (AFSC 66150) /, 85-12402

### Long-term care facilities — United States.

Community and Family Living Amendments of 1983 : field hearing before the

## Subject Index

Subcommittee on Health of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 13, 1984., 85-13842

### Longevity — Government policy — United States.

Longevity and the lifestyle of the older individual : hearing before the Subcommittee on Aging of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 27, 1984., 85-13901

### Longevity — United States.

Longevity and the lifestyle of the older individual : hearing before the Subcommittee on Aging of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 27, 1984., 85-13901

### Loran.

Processor-controlled timing module for Loran-C receiver, 85-13448

### Loran — Tables.

Loran-C secondary phase correction table : central Pacific /, 85-12160

### Low temperature engineering.

On-orbit cryogenic fluid transfer, 85-13063

### Lumber trade — United States — Statistics

#### — Periodicals.

Current industrial reports. MA-24T, Lumber production and mill stocks /, 85-12037

Lumber production and mill stocks, 85-12037

### Lunar petrology — United States.

Mineralogic and petrologic studies of meteorites and lunar samples, 85-13424

### Luxembourg — Description and travel.

Background notes, Luxembourg., 85-13530

## M

### Machine parts.

Disposal of usable equipment : hearings before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, June 21 and July 25, 1984., 85-13786

### Machine-tools — Calibration — Handbooks, manuals, etc.

Direct support and general support maintenance repair parts and special tools list for selected items of secondary transfer standards calibration set AN/GSM-259 (NSN 4931-01-019-1829), 85-12261

**Magnesia.**

Report on large scale molten core/magnesia interaction test /, 85-13727

**Magnetic anomalies — Alaska — Craig — Maps.**

Aeromagnetic map of the Craig area, Alaska, 85-12842

**Magnetic anomalies — Arizona — Maps.**

Aeromagnetic map of the San Francisco Peaks area, Arizona, 85-12831

**Magnetic anomalies — United States.**

Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAG5-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies', 85-13414

The magnetic petrology of the deep crust and the interpretation of regional magnetic anomalies, 85-13439

**Magnetic fields — Observations.**

Observations of the earth's magnetic field from the space station, 85-13120

**Magnetic fields (Cosmic physics)**

Potential utility of future satellite magnetic field data, 85-13409

**Magnetic fields (Cosmic physics) — Observations.**

Large-scale interplanetary magnetic fields, 85-13116

**Magnetic recorders and recording.**

Magnetic tape reporting for Form 941, Employers quarterly federal tax return., 85-13581

**Magnetic resonance.**

Magnetic resonance imaging /, 85-12650

**Magnetism, Terrestrial.**

Dynamic model of the Earth's upper atmosphere /, 85-13142

**Magnetism, Terrestrial — Alaska — Craig — Maps.**

Aeromagnetic map of the Craig area, Alaska, 85-12842

**Magnetism, Terrestrial — Arizona — Maps.**

Aeromagnetic map of the San Francisco Peaks area, Arizona, 85-12831

**Magnetohydrodynamic generators.**

Magnetohydrodynamics and the National Coal Science, Technology, and Engineering Development Acts : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S.

1278 ... S. 1925 ... April 9, 1984., 85-13819

**Magnetosphere.**

Plasma and magnetospheric research, 85-13170

**Mahogany — Measurement.**

Volume and biomass for curlleaf cercocarpus in Nevada /, 85-11896

**Mail order business — United States — Statistics.**

1982 census of retail trade. Preliminary report. Industry series. Mail order houses (industry 5961), 85-12050

**Mammals — Bibliography — Catalogs.**

Mammals and reptiles., 85-12541

**Mammals — Ecology.**

Effects of tracked vehicle activity on higher vertebrate populations at Army installations /, 85-12329

**Management audit.**

Implementation of the Federal Managers' Financial Integrity Act : first year : report to the Congress /, 85-12536

**Management information systems —**

Handbooks, manuals, etc.

Information and instruction handbook no. VI-A for automatic data processing : definitions and specifications-master files, IMPAC NIH : a computer based information system on the Extramural Programs of NIH., 85-12651

**Manipulators (Mechanism)**

Experiments in control of flexible structures with noncollocated sensors and actuators, 85-13423

**Manned space flight.**

Radiation protection for manned space activities, 85-13228

**Manuscripts — California — Los Angeles — Conservation and restoration.**

Application of image processing technology to problems in manuscript encapsulation, 85-13226

**Maps.**

How to obtain aerial photographs., 85-12843

**Marihuana.**

For parents only : what you need to know about marijuana., 85-12713

**Marine accidents.**

Marine casualty report : SS Marine Electric, O.N. 245675, capsizing and sinking in the Atlantic Ocean on 12 February 1983 with multiple loss of life : U.S. Coast Guard Marine Board of Investigation report and Commandant's action., 85-13623

**Marine parks and reserves — United States.**

Marine Sanctuaries Amendments of 1984., 85-12580

**Marine pollution — United States — Periodicals.**

Report to the Congress on ocean pollution, monitoring and research : submitted in compliance with sections 201 and 202, Title II of the Marine Protection, Research, and Sanctuaries Act of 1972 (Public Law 92-532), 85-12100

**Marine radio stations.**

1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983., 85-13663

**Marine resources conservation — Law and legislation — United States.**

Marine Sanctuaries Amendments of 1984., 85-12580

**Maritime law — United States.**

Section-by-section comparison of January 9, 1985 draft recodification of maritime liability laws /, 85-13907

**Maritime law — United States — Cases.**

Decisions of the Maritime Subsidy Board, Maritime Administration, Department of Commerce., 85-12094

Maritime Subsidy Board, Maritime Administration, Department of Commerce reports, 85-12094

**Maritime law — United States — Periodicals.**

CFR. 46, Shipping, 85-12566

Code of federal regulations. 46, Shipping., 85-12566

Shipping, 85-12566

**Marketing — Mexico.**

Selling to the government of Mexico /, 85-12121

**Marketing — Pennsylvania.**

Transit marketing in Pennsylvania : a handbook of effective transit marketing aids /, 85-13585

**Marketplaces — North Carolina.**

Improved food distribution facilities for central North Carolina., 85-11877

**Markov processes — Computer programs.**

The Semi-Markov Unreliability Range Evaluator (SURE) program, 85-13126

## Markov processes Mathematical models.

**Markov processes — Mathematical models.**  
An approximation formula for a class of Markov reliability models, 85-13196

**Marrow — Transplantation.**  
Research report: bone marrow transplantation., 85-12665

**Mars (Planet) — Geology.**  
Magnetic properties of Martian surface material, 85-13243

**Mars (Planet) — Surface.**  
Martian surface properties, 85-13223

**Masonry — Dictionaries.**  
A Glossary of historic masonry deterioration problems and preservation treatments /, 85-12944

**Mass media and the arts — United States — Periodicals.**  
Media arts, film/radio/television., 85-13469

**Materials — Creep.**  
Reliability considerations for the total strain range version of strainrange partitioning /, 85-13404

**Materials — Dynamic testing.**  
The ASTRO-1 preliminary design review coupled loads analysis, 85-13040

**Materials — Fatigue.**  
Mode II fatigue crack growth specimen development, 85-13078  
Three-dimensional measurements of fatigue crack closure, 85-13286

**Materials — Research — United States.**  
Space Processing Applications Rocket project, 85-13035

**Materials — Testing — Data processing.**  
A computer program for predicting nonlinear uniaxial material responses using viscoplastic models, 85-13060

**Materials Processing in Space Workshop (1982 : Redondo Beach, Calif.)**  
Materials Processing in Space Workshop minutes, October 27-28, 1982, 85-13246

**Mathematical optimization.**  
Application of an optimization method to high performance propeller designs, 85-13072

**Mathematics — Research — United States.**  
Status of research at the Institute for Computer Applications in Science and Engineering, 85-13187

**Mathematics — Study and teaching — United States.**  
Science and math education : hearing before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, U.S. House of Representatives, Ninety-

eight Congress, second session, February 10, 1984., 85-13924

**Mathematics — United States.**  
Mathematics learning styles of Chinese immigrant students : final research report /, 85-12445

School mathematics : options for the 1990s., 85-12424

**Mathematics — United States — Bibliography.**  
Research on mathematics education reported in 1983 /, 85-12472

**Mauritania.**  
Africa-West Coast, Mauritania—Western Sahara : Cap Blanc to Nouakchott /, 85-12186

**Meat industry and trade — United States — Equipment and supplies — Periodicals.**  
List of proprietary substances and non-food compounds authorized for use under USDA inspection and grading programs /, 85-11855

**Meat inspection — Law and legislation — United States.**  
Meat, Poultry, and Egg Products Inspection Amendments of 1983; exempt restaurant central kitchens from federal inspection requirements; and USDA's five-point program of inspection in livestock and poultry slaughter plants : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 2691 and H.R. 5223, May 17, 1984., 85-13770

**Mechanics (Persons)**  
F-100 jet engine mechanic (AFSC 42654) /, 85-12398  
Turboprop propulsion mechanic (AFSC 42653) /, 85-12396, 85-12397

**Mediation, International.**  
Settlement of the Cyprus question : communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary General of the United Nations, pursuant to 22 U.S.C. 2373(c)., 85-13680

**Medicaid.**  
Community and Family Living Amendments of 1983 : field hearing before the Subcommittee on Health of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 13, 1984., 85-13842

**Medical care — United States.**  
Medical care cost recovery : hearing before the Subcommittee on Administrative Law and Governmental Rela-

tions of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4666 ... March 7, 1984., 85-13889

**Medical care, Cost of — Government policy — United States.**  
Health care costs and their effects on the economy : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth congress, second session, April 12 and August 29, 1984., 85-13806

**Medical care, Cost of — United States.**  
Intensive care units (ICUs) : clinical outcomes, costs, and decisionmaking /, 85-13751

**Medical consultants — United States.**  
Register of disability determination services disability medical consultants., 85-12640

**Medical economics — United States.**  
Health care costs and their effects on the economy : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth congress, second session, April 12 and August 29, 1984., 85-13806

**Medical education — United States.**  
Health Professions Scholarship Program : the Army Medical Team., 85-12298

**Medical ethics — United States.**  
Intensive care units (ICUs) : clinical outcomes, costs, and decisionmaking /, 85-13751

**Medical jurisprudence — United States.**  
Forensics : when science bears witness., 85-12988

**Medical personnel — Malpractice — United States.**  
Alternative Medical Liability Act : hearing before the Subcommittee on Health of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5400 ... June 28, 1984., 85-13940

**Medical personnel — United States.**  
Medical specialist., 85-12269

**Medical policy — United States.**  
An Act to Revise and Extend Provisions of the Public Health Service Act Relating to Health Promotion and Disease Prevention, to Provide for the Establishment of Centers for Research and Demonstrations Concerning Health Promotion and Disease Prevention, and for Other Purposes., 85-12605

Health Promotion and Disease Prevention Amendments of 1984, 85-12605

## Subject Index

Medical research and its impact on the nation's health and economy : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13781

#### Medical statistics.

Descriptive statistics : tables, graphs, & charts /, 85-12696

#### Medical technology.

Magnetic resonance imaging /, 85-12650

#### Medical technology — United States — Finance.

An Act to Revise and Extend Provisions of the Public Health Service Act Relating to Health Promotion and Disease Prevention, to Provide for the Establishment of Centers for Research and Demonstrations Concerning Health Promotion and Disease Prevention, and for Other Purposes., 85-12605

Health Promotion and Disease Prevention Amendments of 1984, 85-12605

#### Medicare.

Alternative Medical Liability Act : hearing before the Subcommittee on Health of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5400 ... June 28, 1984., 85-13940

Health care costs and their effects on the economy : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth congress, second session, April 12 and August 29, 1984., 85-13806

Private health insurance coverage of the medicare population., 85-12694

#### Medicare — Law and legislation — United States.

Act to Amend Part A of Title XVIII of the Social Security Act with Respect to the Payment of Rates for Routine Home Care and Other Services Included in Hospice Care, 85-12635

Amendment of part A of Title XVIII of the Social Security Act., 85-12635

#### Medicine — Bibliography — Catalogs.

N.I.H. publications list, 85-12652

NIH publications list /, 85-12652

#### Medicine — Research — Government policy — United States.

Medical research and its impact on the nation's health and economy : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13781

#### Medicine, Military — United States.

Army Medical Specialist Corps : the Army Medical Team., 85-12300

Be a vital part of American medicine as an Army physician : the Army medical team., 85-12297

A Good place for a BSN to start : the Army Medical Team., 85-12299

Health Professions Scholarship Program : the Army Medical Team., 85-12298

The Medical Service Corps : the Army Medical Team., 85-12301

#### Medicine, Preventive — Law and legislation — United States — Finance.

An Act to Revise and Extend Provisions of the Public Health Service Act Relating to Health Promotion and Disease Prevention, to Provide for the Establishment of Centers for Research and Demonstrations Concerning Health Promotion and Disease Prevention, and for Other Purposes., 85-12605

Health Promotion and Disease Prevention Amendments of 1984, 85-12605

#### Medicine Bow National Forest (Wyo.)

Land and resource management plan : draft environmental impact statement : Medicine Bow National Forest and Thunder Basin National Grassland., 85-11947

Medicine Bow National Forest and Thunder Basin National Grassland : land and resource management plan (proposed)., 85-11948

#### Mediterranean Sea — Navigation.

Mediterranean Sea, Adriatic, Italy-east coast, Brindisi to Promontorio Del Gargano /, 85-12191

Mediterranean Sea, Italy-France, Sardinia (Sardinia), northern part /, 85-12190

Mediterranean Sea, Italy-west coast, Capo Tirone to Punta Caronia /, 85-12189

Mediterranean Sea, Italy-west coast, Civitavecchia to Isole di Ponza /, 85-12188

Mediterranean Sea, Spain-southeast coast, Cartagena to Cabo de San Antonio /, 85-12187

#### Mediterranean Sea — Navigation — Tables.

Omega propagation correction tables for 10.2 kHz : area 07, Mediterranean, station H (Japan) /, 85-12154

#### Mental health — United States.

Seasonal effects on mood : the role of light /, 85-12708

#### Mental health planning — United States.

Program performance measurement : demands, technology, and dangers /, 85-12710

#### Mental health services — United States — Administration.

Program performance measurement : demands, technology, and dangers /, 85-12710

#### Mental health services — United States — Finance.

An Act to Amend the Public Health Service Act to Revise and Extend the Authorities of That Act for Assistance for Alcohol and Drug Abuse and Mental Health Services., 85-12589

Alcohol Abuse, Drug Abuse and Mental Health Amendments of 1984, 85-12589

#### Mental Illness Awareness Week.

Joint Resolution Designating the week beginning on October 7, 1984, as "Mental Illness Awareness Week.", 85-12575

#### Mentally ill — United States — Statistics.

Distribution of psychiatric beds, United States and each state, 1982 /, 85-12712

State and county mental hospitals, United States, 1980-81 and 1981-82 /, 85-12711

#### Merchant marine — Government policy — United States.

Maritime redevelopment : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on Maritime policy and regional economic development—Part 2, January 18, 1984, New Orleans, LA; ... April 30, 1984, New York, NY; Maritime Redevelopment Bank Act (H.R. 3399), June 20 and August 8, 1984, Washington, DC, November 9, 1984, Oakland CA., 85-13909

#### Merchant marine — United States — Periodicals.

Report on the activities of the Merchant Marine and Fisheries Committee., 85-13682

#### Merchant marine — United States — Safety measures.

Marine casualty report : SS Marine Electric, O.N. 245673, capsizing and sinking in the Atlantic Ocean on 12 February 1983 with multiple loss of life : U.S. Coast Guard Marine Board of Investigation report and Commandant's action., 85-13623

Offshore installations emergency evacuation : hearing before the Subcommittee on Panama Canal/Outer Continental Shelf of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Con-

## Merchant marine U.S. Safety measures.

gress, second session, on H.R. 6291 ...  
October 4, 1984., 85-13910

### Merchant ships — Virginia — Accidents.

Marine casualty report : SS Marine Electric, O.N. 245675, capsizing and sinking in the Atlantic Ocean on 12 February 1983 with multiple loss of life : U.S. Coast Guard Marine Board of Investigation report and Commandant's action., 85-13623

### Mercury — Environmental aspects — United States.

Collection efficiency evaluation of mercury-trapping media for the SASS train impinger system /, 85-12515

### Metal crystals.

Low-cost single-crystal turbine blades /, 85-13156

The transient oxidation of single crystal NiAlZr /, 85-13403

### Metal spraying.

Development of an all-metal thick film cost effective metallization system for solar cells, 85-13345

### Metallurgy.

Materials for advanced turbine engines (MATE) : Project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner /, 85-13399, 85-13400

### Metals — Anodic oxidation.

In-situ measurements of alloy oxidation/corrosion/erosion using a video camera and proximity sensor with microcomputer control, 85-13058

### Metals — Ductility.

Tensile fracture of ductile materials, 85-13276

### Metals — Erosion.

In-situ measurements of alloy oxidation/corrosion/erosion using a video camera and proximity sensor with microcomputer control, 85-13058

### Metals — Inclusions.

Influence of soft inclusions on the strength of wrought materials, 85-13277

### Metals at high temperatures.

Effects of surface chemistry on hot corrosion life, 85-13398

### Meteorites — Analysis.

Mineralogic and petrologic studies of meteorites and lunar samples, 85-13424

### Meteorological instruments — Handbooks, manuals, etc.

Weather equipment technician (AFSC 30270) /, 85-12387

### Meteorological satellites.

Initialization of a mesoscale model for April 10, 1979, using alternative data sources /, 85-13140

### Meteorological services — Atlantic States — Periodicals.

National winter storms operations plan /, 85-12097

### Meteorological services — Gulf States — Periodicals.

National winter storms operations plan /, 85-12097

### Meteorology — Periodicals.

N.O.A.A., 85-12099

NOAA., 85-12099

### Meteorology — Research — Virginia.

Facilities for meteorological research at the NASA Goddard/Wallops Flight Facility, 85-13083

### Meteorology — United States — Vocational guidance.

Meteorological technician (AFSC 25170), 85-12406

### Meteorology — Wisconsin — Observations.

Instrumentation, recording, and processing of meteorological data near Portage, Wisconsin : Wisconsin power plant impact study /, 85-12497

### Meteorology in aeronautics.

Aviation weather observations : for Supplementary Aviation Weather Reporting Stations (SAWRS) and limited Aviation Weather Reporting Stations (LAWRS), 85-12016

### Methane.

Evaluation of dissociated and steam-reformed methanol as automotive engine fuels, 85-13157

### Mexican American children — Education.

A comparison of bilingual oral language and reading skills among limited English-speaking students from Spanish-speaking backgrounds /, 85-12468

### Miami International Airport — Noise control.

Implementation of noise regulation acts at Miami International Airport : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13854

### Michigan — Maps, Topographic.

7.5 minute series (topographic) : [Michigan]. [42083-B5-TF-024], Ypsilanti East quadrangle, Michigan, 1967 /, 85-12869

7.5 minute series (topographic) : [Michigan]. [42083-B6-TF-024], Ypsilanti

## Subject Index

West quadrangle, Michigan - Wash-  
tenaw Co., 1967 /, 85-12870

7.5 minute series (topographic) : [Michigan]. [42083-C7-TF-024], Ann Arbor West quadrangle, Michigan - Wash-  
tenaw Co., 1965 /, 85-12871

7.5 minute series (topographic) : [Michigan]. [42083-D3-TF-024], Redford quadrangle, Michigan, 1968 /, 85-12872

7.5 minute series (topographic) : [Michigan]. [42083-D7-TF-024], Hamburg quadrangle, Michigan, 1965 /, 85-12873

7.5 minute series (topographic) : [Michigan]. [42083-E3-TF-024], Pontiac South quadrangle, Michigan - Oakland Co., 1968 /, 85-12874

7.5 minute series (topographic) : [Michigan]. [42083-F6-TF-024], West Highland quadrangle, Michigan, 1968 /, 85-12875

7.5 minute series (topographic) : [Michigan]. [42083-G4-TF-024], Ortonville quadrangle, Michigan - Oakland Co., 1968 /, 85-12876

7.5 minute series (topographic) : [Michigan]. [42083-G6-TF-024], Fenton quadrangle, Michigan, 1969 /, 85-12877

### Micromechanics.

Simplified composite micromechanics equations for strength, fracture toughness, impact resistance and environmental effects, 85-13066

### Microphone.

Noise path identification using face-to-face and side-by-side microphone arrangements, 85-13299

### Microwave devices.

Thermoelectric temperature control system for the Pushbroom Microwave Radiometer (PBM), 85-13098

### Microwave landing systems.

MLS/airplane system design, 85-13200

### Microwave ovens.

Use of microwave oven in geotechnical applications : progress report no. 1 /, 85-12905

### Microwave transmission lines.

Millimeter wave transmission systems and related devices, 85-13245

### Middle Atlantic States — Manufactures — Statistics.

1982 census of manufactures. Preliminary report. Geographic area series. Middle Atlantic States (New Jersey, New York, Pennsylvania), 85-12020

**Migration, Internal — United States — Statistics.**  
Interstate migration of the older veteran population : 1975 to 1980., 85-13651

**Military art and science — Handbooks, manuals, etc.**  
Military skills., 85-12368

**Military assistance, American — Central America.**  
The role of the U.S. Southern Command in Central America : hearing before the Subcommittee on Western Hemisphere Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, August 1, 1984., 85-13856

**Military assistance, American — Europe.**  
NATO : a time for renewed commitment : report of the Delegation to Northern NATO and the Nordic Region of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13783

**Military attaches — United States — Directories.**  
Handbook for service attaches accredited to the Department of the Air Force., 85-12374

**Military ceremonies, honors, and salutes — United States.**  
Curriculum for Naval Junior Reserve Office Training Corps (NJROTC), NSI-IV, drills, commands, and ceremonies., 85-12344  
Customs, courtesies and activities guide / , 85-12242

**Military education — United States — Curricula — Periodicals.**  
Academic catalog, 85-12143  
Catalog / , 85-12143

**Military engineering — Handbooks, manuals, etc.**  
Personnel qualification standard for BB-61 class engineering qualification section 9, auxiliary., 85-12354

**Military helicopters.**  
Rotorcraft contingency power study, 85-13396

**Military law — United States.**  
Legal services : status of forces policies, procedures, and information., 85-12251  
Military justice., 85-12367

**Military law — United States — Handbooks, manuals, etc.**  
Legal services technician (AFSC 70570) / , 85-12403

**Military nursing — United States.**  
A Good place for a BSN to start : the Army Medical Team., 85-12299

**Military research — United States — Abstracts — Periodicals.**  
Abstracts of A.R.I. research publications, 85-12314

Abstracts of ARI research publications., 85-12314

**Military service, Compulsory — United States.**  
Selective service and you., 85-13749

**Military supplies — Handbooks, manuals, etc.**  
Inventory management supervisor (AFSC 64570) / , 85-12401

**Military television — Handbooks, manuals, etc.**  
Radio and television broadcasting specialist (AFSC 79151), 85-12405

**Military training camps — United States.**  
Withdraw and reserve certain public lands for military purposes : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2657 ... S. 2658 ... S. 2659 ... S. 2660 ... S. 2661 ... S. 2662 ... August 8, 1984., 85-13821

**Milk trade — United States.**  
Milk Producers Prompt Payment Act of 1984 : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5037, July 26, 1984., 85-13772

**Milk trade — United States — Statistics — Periodicals.**  
Federal milk order market statistics. Annual summary / , 85-11850

**Minebea Company.**  
Sale of New Hampshire Ball Bearings, Inc. to the Japan-based Minebea Company : hearing before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13790

**Mineral industries — Africa, Central — Statistics — Periodicals.**  
Mineral industry of other central African countries, 85-12911

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other central African countries., 85-12911

**Mineral industries — Africa, East — Statistics — Periodicals.**  
Mineral industry of other east African countries, 85-12910

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other east African countries., 85-12910

**Mineral industries — Africa, West — Statistics — Periodicals.**  
Mineral industry of other west African countries, 85-12912

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of other west African countries., 85-12912

**Mineral industries — Argentina — Statistics — Periodicals.**  
Mineral industry of Argentina, 85-12913

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Argentina., 85-12913

**Mineral industries — Australia — Statistics — Periodicals.**  
Mineral industry of Australia, 85-12914

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Australia., 85-12914

**Mineral industries — Austria — Statistics — Periodicals.**  
Mineral industry of Austria, 85-12915

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Austria., 85-12915

**Mineral industries — Brazil — Statistics — Periodicals.**  
Mineral industry of Brazil, 85-12916

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Brazil., 85-12916

**Mineral industries — Canada — Statistics — Periodicals.**  
Mineral industry of Canada, 85-12917

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Canada., 85-12917

**Mineral industries — Chile — Statistics — Periodicals.**  
Mineral industry of Chile, 85-12918

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Chile., 85-12918

**Mineral industries — China — Statistics — Periodicals.**  
Mineral industry of China, 85-12919

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of China., 85-12919

**Mineral industries — Denmark — Statistics — Periodicals.**  
Mineral industry of Denmark and Greenland, 85-12920

## Mineral industries Denmark Statistics

- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Denmark and Greenland., 85-12920
- Mineral industries — Finland — Statistics — Periodicals.**  
Mineral industry of Finland, 85-12921
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Finland., 85-12921
- Mineral industries — France — Statistics — Periodicals.**  
Mineral industry of France, 85-12922
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of France., 85-12922
- Mineral industries — Germany (East) — Statistics — Periodicals.**  
Mineral industry of the German Democratic Republic., 85-12924
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the German Democratic Republic., 85-12924
- Mineral industries — Germany (West) — Statistics — Periodicals.**  
Mineral industry of the Federal Republic of Germany, 85-12923
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Federal Republic of Germany., 85-12923
- Mineral industries — Government policy — United States.**  
Strategic materials : technologies to reduce U.S. import vulnerability., 85-13756
- Mineral industries — Greenland — Statistics — Periodicals.**  
Mineral industry of Denmark and Greenland, 85-12920
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Denmark and Greenland., 85-12920
- Mineral industries — Hungary — Statistics — Periodicals.**  
Mineral industry of Hungary, 85-12925
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Hungary., 85-12925
- Mineral industries — India — Statistics — Periodicals.**  
Mineral industry of India, 85-12926
- Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of India., 85-12926
- Mineral industries — Ireland — Statistics — Periodicals.**  
Mineral industry of Ireland, 85-12908

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Ireland., 85-12908

**Mineral industries — Japan — Statistics — Periodicals.**  
Mineral industry of Japan, 85-12927

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Japan., 85-12927

**Mineral industries — Korea (South) — Statistics — Periodicals.**  
Mineral industry of the Republic of Korea, 85-12928

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Republic of Korea., 85-12928

**Mineral industries — Malaysia — Statistics — Periodicals.**  
Mineral industry of Malaysia, 85-12929

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Malaysia., 85-12929

**Mineral industries — Mexico — Statistics — Periodicals.**  
Mineral industry of Mexico, 85-12930

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Mexico., 85-12930

**Mineral industries — New Hampshire — Statistics — Periodicals.**  
Mineral industry of New Hampshire, 85-12931

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Hampshire., 85-12931

**Mineral industries — New Zealand — Statistics — Periodicals.**  
Mineral industry of New Zealand, 85-12932

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of New Zealand., 85-12932

**Mineral industries — Peru — Statistics — Periodicals.**  
Mineral industry of Peru, 85-12933

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Peru., 85-12933

**Mineral industries — Philippines — Statistics — Periodicals.**  
Mineral industry of the Philippines, 85-12934

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of the Philippines., 85-12934

**Mineral industries — Romania — Statistics — Periodicals.**  
Mineral industry of Romania, 85-12935

## Subject Index

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Romania., 85-12935

**Mineral industries — Saudi Arabia — Statistics — Periodicals.**  
Mineral industry of Saudi Arabia, 85-12936

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Saudi Arabia., 85-12936

**Mineral industries — Spain — Statistics — Periodicals.**  
Mineral industry of Spain, 85-12937

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Spain., 85-12937

**Mineral industries — Statistics — Periodicals.**  
Minerals in the world economy, 85-12941

Preprint from the ... Bureau of Mines Minerals yearbook. Minerals in the world economy., 85-12941

**Mineral industries — Sweden — Statistics — Periodicals.**  
Mineral industry of Sweden, 85-12938

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Sweden., 85-12938

**Mineral industries — Thailand — Statistics — Periodicals.**  
Mineral industry of Thailand, 85-12939

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Thailand., 85-12939

**Mineral industries — Turkey — Statistics — Periodicals.**  
Mineral industry of Turkey, 85-12940

Preprint from the ... Bureau of Mines Minerals yearbook. The mineral industry of Turkey., 85-12940

**Mineral industries — United States.**  
Federal minerals royalty management : an analysis of problem areas related to the management of the federal minerals royalty management program by the Minerals Management Service of the Department of Interior with recommended solutions : a report /, 85-13881

**Mineral industries — United States — Periodicals.**  
Minerals yearbook /, 85-12909

**Mines and mineral resources.**  
Strategic materials : technologies to reduce U.S. import vulnerability., 85-13756

**Mines and mineral resources — Antarctic regions — International cooperation.**

Antarctica : hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on Antarctica, September 24, 1984., 85-13796

**Mines and mineral resources — California.**

Classification of the California desert for geology-energy-mineral resource potential : a geostatistical classification /, 85-12966

**Mines and mineral resources — Egypt.**

Report on mineral resources geophysics program for Egypt, 85-12838

**Mines and mineral resources — Idaho — Lemhi County.**

Geology, geochemistry, and mineral resource potential of the Eighteenmile Wilderness study area p (ID-43-3), Lemhi County, Idaho, 85-12834

**Mines and mineral resources — Kentucky.**

A compilation of mineral occurrences and the relationship of occurrences to structural elements of the Kentucky and Tennessee region, 85-13411

**Mines and mineral resources — Tennessee.**

A compilation of mineral occurrences and the relationship of occurrences to structural elements of the Kentucky and Tennessee region, 85-13411

**Mines and mineral resources — United States.**

To amend the Mineral Lands Leasing Act of 1920 : hearing before the Subcommittee on Mining, Forest Management, and Bonneville Power Administration of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 1530 ..., hearing held in Washington, DC, June 21, 1984., 85-13883

**Mines and mineral resources — United States — Periodicals.**

Minerals yearbook /, 85-12909

**Mining law — United States.**

To amend the Mineral Lands Leasing Act of 1920 : hearing before the Subcommittee on Mining, Forest Management, and Bonneville Power Administration of the Committee on Interior and Insular Affairs, House of Representatives, Ninety-eighth Congress, second session, on H.R. 1530 ..., hearing held in Washington, DC, June 21, 1984., 85-13883

**Minnesota — Maps, Topographic.**

7.5 minute series (topographic) : [Minnesota]. 48095-C8-TF-024, Gatzke SW

quadrangle, Minnesota - Marshall Co., 1962 /, 85-12878

7.5 minute series (topographic) : [Minnesota]. 48095-G1-TF-024, Roosevelt quadrangle, Minnesota, 1967 /, 85-12879

7.5 minute series (topographic) : [Minnesota]. 48095-G3-TF-024, Warroad SE quadrangle, Minnesota - Roseau Co., 1967 /, 85-12880

7.5 minute series (topographic) : [Minnesota]. 48095-G4-TF-024, Warroad SW quadrangle, Minnesota - Roseau Co., 1967 /, 85-12881

7.5 minute series (topographic) : [Minnesota]. 48095-H7-TF-024, Roseau NE quadrangle, Minnesota, 1966 /, 85-12882

**Minorities — Education — United States.**

A guide to culture in the classroom /, 85-12444

**Minorities — Employment — United States — Statistics — Periodicals.**

Affirmative employment statistics., 85-13487

**Misconduct in office — United States.**

Blowing the whistle in the federal government : a comparative analysis of 1980 and 1983 survey findings : a report of the U.S. Merit Systems Protection Board, Office of Merit Systems Review and Studies., 85-13030

**Missing persons — Legal status, laws, etc. — United States.**

Title IV, Missing Children's Assistance Act : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4971 ..., hearing held in Chicago, IL, on April 9, 1984., 85-13811

**Mississippi River Watershed.**

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide /, 85-13641

Lower Mississippi River regional barge fleet assessment, plan, and handbook guide : executive summary /, 85-13640

**Mobile communication systems.**

1983 partial revision of the Radio Regulations (Geneva, 1979) and a final protocol : message from the President of the United States transmitting the partial revision of the Radio Regulations (Geneva, 1979) of the International Telecommunication Union and a final protocol, signed on behalf of the United States at Geneva on March 18, 1983., 85-13663

**Moisture — United States — Measurement.**

An investigation of chemically-induced improvement in saturation moisture characteristics of epoxies, 85-13099

**Molybdenum — Maps.**

Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12799

**Monk seals.**

Proposed designation of critical habitat for the Hawaiian monk seal in the northwestern Hawaiian Islands., 85-12108

**Monongahela National Forest (W. Va.) — Maps.**

Dolly Sods Wilderness and Scenic Area, Monongahela National Forest, West Virginia /, 85-11885

**Monsoons — United States.**

Satellite observations of a monsoon depression, 85-13268

**Monuments — United States — Preservation — Periodicals.**

Report to the President and the Congress of the United States /, 85-13701

**Mood (Psychology)**

Seasonal effects on mood : the role of light /, 85-12708

**Mortgages — Maine.**

Developing models and public education in home equity conversion for a rural state : final report of Maine's Home Equity Conversion Task Force /, 85-12721

**Motor fuels — Taxation — United States — Periodicals.**

Highway statistics /, 85-13593

**Motor vehicles — Prices — United States.**

Estimation of the weight and consumer price of late model vehicle components relating to the implementation of Federal motor vehicle standards 108, 202, 204, and 214 /, 85-13629

**Motor vehicles — United States.**

Estimation of the weight and consumer price of late model vehicle components relating to the implementation of Federal motor vehicle standards 108, 202, 204, and 214 /, 85-13629

**Motor vehicles — United States — Weight.**

Estimation of the weight and consumer price of late model vehicle components relating to the implementation of Federal motor vehicle standards 108, 202, 204, and 214 /, 85-13629

## Moving, Household U.S.

### Moving, Household — United States.

Oversight of the Household Goods Transportation Act of 1980 and the Bus Regulatory Reform Act of 1982 : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... September 25, 1984., 85-13794

### Moving, Household — United States — Handbooks, manuals, etc.

Department of Defense personal property storage : field training workbook for quality assurance., 85-12237

### Moving-pictures — Archival resources — United States.

Motion pictures & sound and video recordings in the National Archives., 85-12556

### Multiphase flow — Mathematical models.

Three-dimensional implicit lambda methods., 85-13186

### Multiplexing — Handbooks, manuals, etc.

2-line and 8-line communications multiplexors maintenance manual., 85-12372

### Multiprocessors.

Development and evaluation of a fault-tolerant multiprocessor (FTMP) computer., 85-13194

A model for the distributed storage and processing of large arrays., 85-13180

### Multivariate analysis.

Regions of attraction and ultimate boundedness for linear quadratic regulators with nonlinearities /., 85-13461

### Museums — Washington (D.C.)

An Act to Authorize the Administrator of General Services to Transfer to the Smithsonian Institution Without Reimbursement the General Post Office Building and the Site Thereof Located in the District of Columbia, and for Other Purposes., 85-12595

### Mushrooms — United States — Statistics — Periodicals.

Mushrooms /., 85-11976

## N

### Nantahala National Forest (N.C.)

Proposed land and resource management plan : Nantahala & Pisgah National Forests, North Carolina., 85-11949

### Narcotics, Control of — United States.

Federal drug law enforcement and interdiction : hearing before the Select Committee on Narcotics Abuse and Control, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13911

Financial investigative techniques money laundering., 85-12993

### Narcotics, Control of — United States — Periodicals.

Annual report for the year ... Select Committee on Narcotics Abuse and Control., 85-13692

### NASTRAN (Computer program)

NASTRAN forced vibration analysis of rotating cyclic structures., 85-13362

Statistical correlation of structural mode shapes from test measurements and NASTRAN analytical values., 85-13114

### National cemeteries, American — Arizona.

The need for a national veterans' cemetery in the state of Arizona : hearing before the Subcommittee on Housing and Memorial Affairs of the Committee on Veterans' Affairs, House of Representatives, Ninety-eighth Congress, second session, November 14, 1984., 85-13937

### National Christmas Seal Month.

Joint Resolution Designating the Month of November 1984 as "National Christmas Seal Month.", 85-12577

### National Council on Public Works Improvement (U.S.)

Public Works Improvement Act of 1984., 85-12582

### National Endowment for the Arts — Periodicals.

Design arts., 85-13468

### National Independent Study Center (U.S.) — Curricula.

NISC course catalog., 85-13486

### National Institute of Child Health and Human Development (U.S.). Center for Population Research — Periodicals.

Progress report of the Center for Population Research, National Institute of Child Health and Human Development., 85-12677

### National Institute of Environmental Health Sciences — Curricula.

Extramural research and training programs of the National Institute of Environmental Health Sciences., 85-12681

### National Institute of Neurological and Communicative Disorders and Stroke.

A Guide to the National Institute of Neurological and Communicative Disorders and Stroke, September 30, 1984., 85-12679

### National Library of Medicine (U.S.)

National Library of Medicine., 85-12682

### National Medical Transcriptionist Week.

Joint Resolution to Designate the Week Beginning May 20, 1985, as "National

Medical Transcriptionist Week.", 85-12631

### National parks and reserves — Arkansas.

An Act to Designate Certain National Forest Systems Lands in the State of Arkansas for Inclusion in the National Wilderness Preservation System, and for Other Purposes., 85-12588

Arkansas Wilderness Act of 1984., 85-12588

Arkansas Wilderness Act of 1984 : report (to accompany S. 2125)., 85-13668

### National parks and reserves — Mississippi

Mississippi National Forest Wilderness Act of 1984., 85-12594

### National parks and reserves — Washington (State)

Ebey's Landing National Historical Reserve : the land, the people, the place : an introduction to the inventory., 85-12942

### National poultry improvement plan — Directories.

Directory of participants handling waterfowl, exhibition poultry, and game birds., 85-12006

National poultry improvement plan. Directory of participants handling waterfowl, exhibition poultry, and game birds., 85-12006

### National Register of Historic Places.

How to apply National Register criteria to post offices /., 85-12950

### National Research Council (U.S.).

Aeronautics and Space Engineering Board. Summary of activities, January 1 - March 31, 1984, Aeronautics and Space Engineering Board, Commission on Engineering and Technical Systems, 85-13247

### National Science Foundation (U.S.)

Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report /., 85-13919

### National Science Foundation (U.S.) — Appropriations and expenditures.

Reauthorization of the National Science Foundation, 1985 : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 4, 1984., 85-13902

### National security — Addresses, essays, lectures.

Essays on strategy : selections from the 1983 Joint Chiefs of Staff essay competition., 85-12222

**National Synchrotron Light Source**

(Organization : U.S.)

National Synchrotron Light Source /, 85-12415

**Natural areas — Washington (State)**

Ebeys' Landing National Historical Reserve : the land, the people, the place : an introduction to the inventory., 85-12942

**Natural resources — Law and legislation —****United States — Periodicals.**

CFR. 43, Public lands, interior, 85-12564

Code of Federal regulations. 43, Public lands, interior., 85-12564

Legislative and review activities of the Committee on Interior and Insular Affairs of the House of Representatives during the ... Congress pursuant to clause 1(d) of rule XI of the rules of the House of Representatives., 85-13691

Public lands, interior., 85-12564

**Nature conservation — New Mexico.**

Albuquerque District wilderness analysis reports, 1984 : Cabezon WSA, Empedrado WSA, Ignacio Chavez WSA, La Lena WSA, Ojito WSA, Rio Chamba WSA, Sabinoso WSA, San Antonio WSA., 85-12968

Albuquerque District wilderness final environmental assessment., 85-12963

**Nautical almanacs — Periodicals.**

The Air almanac /, 85-12366

**Nautical charts — Adriatic Sea.**

Mediterranean Sea, Adriatic, Italy-east coast, Brindisi to Promontorio Del Gargano /, 85-12191

**Nautical charts — Australia.**

Australia-north coast, Port Essington to Cape Stewart /, 85-12204

**Nautical charts — Australia — Indian Coast.**

Indian Ocean, Australia-West Coast, Western Australia, Houtman Abrolhos and adjacent coast /, 85-12205

**Nautical charts — Baltic Coast (Sweden)**

Baltic Sea, Sweden-east coast, Gotland /, 85-12185

**Nautical charts — Brazil — Atlantic Coast.**

Brazil-east coast, Belmonte to Rio de Janeiro /, 85-12166

Brazil-East coast, Cabo de Sao Tome to Rio de Janeiro /, 85-12169

Brazil-east coast, Recife to Belmonte /, 85-12167

Brazil-north coast, Cabo Orange to Ilha de Maraca /, 85-12170

**Nautical charts — Chile — Pacific Coast.**

Chile, Bahia de Valparaiso to Golfo de Arauco /, 85-12164

**Nautical charts — Denmark.**

North Sea, Denmark-Netherlands, West Germany, Ameland to Fano /, 85-12177

**Nautical charts — Finland.**

Baltic Sea, Sweden and Finland, Gulf of Bothnia /, 85-12184

**Nautical charts — France.**

English Channel-North Sea, Dover to Orford Ness and Cap Gris-Nez to Hoek Van Holland /, 85-12176

United Kingdom-France, English Channel, Eddystone Rocks to Isle of Portland and Pointe de Beg to Cap Frehel /, 85-12174

United Kingdom-France, English Channel, Worthing to Dover and Courseulles to Cap Gris-Nez /, 85-12175

**Nautical charts — Germany (West)**

North Sea, Denmark-Netherlands, West Germany, Ameland to Fano /, 85-12177

**Nautical charts — Great Britain.**

English Channel-North Sea, Dover to Orford Ness and Cap Gris-Nez to Hoek Van Holland /, 85-12176

United Kingdom-France, English Channel, Eddystone Rocks to Isle of Portland and Pointe de Beg to Cap Frehel /, 85-12174

United Kingdom-France, English Channel, Worthing to Dover and Courseulles to Cap Gris-Nez /, 85-12175

**Nautical charts — Greenland.**

Denmark Strait, Greenland (Denmark)-east coast, Kap Gustav Holm sheet /, 85-12179

Denmark Strait, Greenland (Denmark)-east coast, Lemon Bugt to Storo /, 85-12178

Greenland-west coast, Nordra Strömfjord to Egedesminde /, 85-12180

**Nautical charts — Iceland.**

Iceland-north coast, Horn to Raudinupur /, 85-12181

**Nautical charts — India.**

India-east coast, Bay of Bengal, Palar River to Penner River /, 85-12200

India, west coast, Tarapur to Bankot /, 85-12199

**Nautical charts — Indonesia.**

Indonesia, South China Sea, Yongshu Jiao to Yongdeng Ansha /, 85-12210

**Nautical charts — Indonesia — Sumatra.**

Indonesia, Sumatra-east coast, Selat Bangka and Selat Gelasa /, 85-12202

Indonesia, Sumatra-West Coast, Padang to Bengkulu including Kepulauan Mentawai /, 85-12201

Sumatra-east coast with offlying islands, Singapore Strait to Selat Bangka /, 85-12203

**Nautical charts — Iran.**

Persian Gulf, Kuwait-Iraq-Iran, Outer Approaches to Shatt Al Arab and Khowr-E Musa /, 85-12198

**Nautical charts — Iraq.**

Persian Gulf, Kuwait-Iraq-Iran, Outer Approaches to Shatt Al Arab and Khowr-E Musa /, 85-12198

**Nautical charts — Japan.**

Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to Mys Nizmennyy /, 85-12213

**Nautical charts — Japan — Pacific Coast.**

Japan, Honshu-east coast, Shiota Zaki to Ishinomaki Wan., 85-12217

Japan, Honshu-south coast and Nojima Zaki to Omae Zaki., 85-12218

**Nautical charts — Japan, Sea of.**

Japan, Honshu-northwest coast and Kyushu north coast, Kammon Kaikyo to Hirado Seto., 85-12219

Japan, Honshu-northwest coast, Noto Hanto and approaches., 85-12215

Japan, Honshu-northwest coast, Tottori Ko to Mikuni Ko., 85-12216

**Nautical charts — Kenya.**

Indian Ocean, Africa-east coast, Kenya-Tanzania, Dar es Salaam to Mombasa Harbor /, 85-12194

**Nautical charts — Korea (South).**

Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to Mys Nizmennyy /, 85-12213

**Nautical charts — Korea Strait.**

Asia, South Korea-South coast, Donae Hae to Busan Hang (Tonae Hae to Pusan Hang), including Tsushima (Japan) /, 85-12214

**Nautical charts — Kuwait.**

Persian Gulf, Kuwait-Iraq-Iran, Outer Approaches to Shatt Al Arab and Khowr-E Musa /, 85-12198

**Nautical charts — Libya — Sidra, Gulf of.**

Mediterranean Sea, Libya-Gulf of Sidra, Ra's AlUwayja' to Ra's Tawinis /, 85-12193

**Nautical charts — Mauritania.**

Africa-West Coast, Mauritania—Western Sahara : Cap Blanc to Nouakchott /, 85-12186

## Nautical charts Mediterranean Sea.

### Nautical charts — Mediterranean Sea.

Mediterranean Sea, Adriatic, Italy-east coast, Brindisi to Promontorio Del Gargano /, 85-12191

Mediterranean Sea, Italy-west coast, Capo Tirone to Punta Caronia /, 85-12189

Mediterranean Sea, Italy-west coast, Civitavecchia to Isole di Ponza /, 85-12188

Mediterranean Sea, Spain-southeast coast, Cartagena to Cabo de San Antonio /, 85-12187

### Nautical charts — Netherlands.

English Channel-North Sea, Dover to Orford Ness and Cap Gris-Nez to Hoek Van Holland /, 85-12176

North Sea, Denmark-Netherlands, West Germany, Ameland to Fano /, 85-12177

### Nautical charts — New Zealand.

New Zealand, North Island-east and west coasts, Manukau Harbor to Maunganui Bluff and Tutukaka Harbor to Mayor Island /, 85-12207

New Zealand, North Island-North Coast, Cape Maria Van Diemen to Tutukaka Harbor including Three Kings Islands /, 85-12206

New Zealand, North Island-West Coast, Cape Egmont to Manukau Harbour /, 85-12208

### Nautical charts — North America.

North America-East Coast-Cape Race to Cape Henry /, 85-12161

### Nautical charts — Norway.

Norway, Lindesnes to Nordkapp /, 85-12182

Norway-west coast, Brandsfjord to Leka /, 85-12183

### Nautical charts — Pacific Coast (Central America)

Central America, Pacific Coast, Cabo Velas to Punta Mala /, 85-12162

West coast, Nicaragua-Costa Rica, Corinto to Punta Guiones /, 85-12163

### Nautical charts — Papua New Guinea.

South Pacific Ocean, Papua New Guinea and Solomon Islands, Solomon Islands /, 85-12209

### Nautical charts — Periodicals.

Summary of corrections : charts., 85-12144, 85-12145, 85-12146, 85-12147, 85-12148

### Nautical charts — Persian Gulf Region.

Asia, Persian Gulf-southeastern part, Halat Al Mubarratz to Ash Shariqah /, 85-12197

### Nautical charts — Sardinia.

Mediterranean Sea, Italy-France, Sardegna (Sardinia), northern part /, 85-12190

### Nautical charts — Scotland.

Scotland-east coast, Montrose to Berwick : facsimile reproduction of British Admiralty chart 1407., 85-12172

### Nautical charts — Solomon Islands.

South Pacific Ocean, Papua New Guinea and Solomon Islands, Solomon Islands /, 85-12209

### Nautical charts — Somalia.

Africa-east coast, Somalia, Cadale (Italia) to Baraawe /, 85-12195

Indian Ocean, Africa-East Coast, Somalia, g. Raas Garmaal to g. Raas Cabaad., 85-12196

### Nautical charts — South America.

South America, Argentina-Uruguay-East Coast, Rio de la Plata to Bahia Blanca /, 85-12165

South America, Panama-Columbia and Venezuela-North coast, Golfo de Uruba to Puerto Cabello /, 85-12168

South America, Venezuela-Northeast coast, Serpents Mouth to Rio Orinoco, including approaches to Boca Grande /, 85-12171

### Nautical charts — South China Sea.

Heng Jiao (Livock Reef) to Haima Tan (Routh Shoal) (Seahorse Shoal) /, 85-12211

Indonesia, South China Sea, Yongshu Jiao to Yongdeng Ansha /, 85-12210

South China Sea, Yongshu Jiao to P'olang Chiao /, 85-12212

### Nautical charts — Soviet Union.

Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to Mys Nizmennyy /, 85-12213

### Nautical charts — Spain.

North and west coasts of Spain, Cabo Silleiro to Cabo Penas /, 85-12173

### Nautical charts — Sweden.

Baltic Sea, Sweden and Finland, Gulf of Bothnia /, 85-12184

### Nautical charts — Tanzania.

Indian Ocean, Africa-east coast, Kenya-Tanzania, Dar es Salaam to Mombasa Harbor /, 85-12194

### Nautical charts — Venezuela.

South America, Venezuela-Northeast coast, Serpents Mouth to Rio Orinoco, including approaches to Boca Grande /, 85-12171

### Nautical charts — Yugoslavia.

Mediterranean, Adriatic Sea, Yugoslavia, Otok Brac to Dubrovnik /, 85-12192

## Subject Index

### Naval War College (U.S.) — History.

Sailors and scholars : the centennial history of the U.S. Naval War College /, 85-12338

### Navier-Stokes equations.

Progress on a generalized coordinates tensor product finite element 3DPNS algorithm for subsonic flow, 85-13182

### Navier-Stokes equations — Data processing.

Study of the mapping of Navier-Stokes algorithms onto multiple-instruction/multiple-data-stream computers, 85-13108

### Navier-Stokes equations — Numerical solutions.

Application of supercomputers to computational aerodynamics, 85-13111

### Navigation — Alaska — Tables.

Omega propagation correction tables for 10.2 kHz : area 04, Alaska, station E (Reunion) /, 85-12151

Omega propagation correction tables for 10.2 kHz : area 04, Alaska, station G (Australia) /, 85-12152

### Navigation — Asia.

Omega propagation correction tables for 10.2 kHz : area 08, Asia, station C (Hawaii) /, 85-12155

### Navigation — Europe, Northern — Tables.

Omega propagation correction tables for 10.2 kHz : area 01 Northern Europe, Station F (Argentina) /, 85-12150

### Navigation — Greenland — Tables.

Omega propagation correction tables for 10.2 kHz : area 06, Greenland, station A (Norway) /, 85-12153

### Navigation — North America — Tables.

Omega propagation correction tables for 10.2 kHz : area 11, North America, station G (Australia) /, 85-12158

### Navigation (Aeronautics) — Tables — Periodicals.

The Air almanac /, 85-12366

### NBS Radio Station WWVH.

WWVH : frequency-time broadcast services., 85-12085

### Near East — Maps.

The Middle East., 85-13511, 85-13512

### Nepal — Description and travel.

Nepal : post report., 85-13534

### Network analysis (Planning) — Mathematical models.

Transportation network analysis : intersection analysis, users' guide : a guide to the intersection analysis features of the UTPS program UROAD /, 85-13624

**Neutron counters.**

Neutron dosimetry at commercial nuclear plants : final report of subtask C,  $^3\text{He}$  neutron spectrometer /, 85-13730

**Neutrons — Measurement.**

Neutron dosimetry at commercial nuclear plants : final report of subtask C,  $^3\text{He}$  neutron spectrometer /, 85-13730

**Neutrons — Spectra.**

Neutron dosimetry at commercial nuclear plants : final report of subtask C,  $^3\text{He}$  neutron spectrometer /, 85-13730

**Nevada — Elko County — Maps.**

Preliminary geologic map of the Peko Hills, Elko County, Nevada, 85-12813

**Nevada — Maps.**

Map showing outcrops of basaltic rocks of early quaternary and tertiary age, basin and range province, Nevada /, 85-12776

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Nevada /, 85-12775

**New Hampshire Ball Bearings, Inc.**

Sale of New Hampshire Ball Bearings, Inc. to the Japan-based Minebea Company : hearing before the Subcommittee on Preparedness of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13790

**New Jobs tax credit — United States.**

Jobs and research credits., 85-13577

**New Mexico — Maps.**

Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico /, 85-12772

Map showing outcrops of pre-quaternary basaltic rocks, basin and range province, New Mexico /, 85-12774

Map showing outcrops of thick, dominantly argillaceous sedimentary rocks, basin and range province, New Mexico /, 85-12773

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, New Mexico /, 85-12771

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, New Mexico /, 85-12770

Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769

**New Mexico — Public lands.**

Las Cruces District wilderness final environmental assessment., 85-12965

**New York (State) — Maps, Topographic.**

7.5 minute series (topographic) : [Connecticut]. 41071-C8-TF-024, Mystic quadrangle, Connecticut - New York - Rhode Island /, 85-12859

**Newport News Creek (Va.)**

An Act to Amend the River and Harbor Act of 1946., 85-12628

**Newsletters.**

NTIS abstract newsletters., 85-12095

**Nicaragua — Foreign relations — United States.**

Misconceptions about U.S. policy toward Nicaragua /, 85-13516

**Nicaragua — Maps.**

Nicaragua., 85-13513

**Nicaragua — Politics and government.**

Misconceptions about U.S. policy toward Nicaragua /, 85-13516

**Nickel — Maps.**

Map showing the distribution and abundance of nickel and chromium in bed-rock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12800

**Nike rocket — Maintenance and repair — Handbooks, manuals, etc.**

Equipment improvement report and maintenance digest : (Nike-Hercules and Improved Nike-Hercules Air Defense Guided Missile System), second quarter, CY 1984., 85-12289

**Nimbus (Meteorological satellite)**

NIMBUS observation processing system requirements document #NG-13, 85-13087

Nimbus 7 SMMR derived seasonal variations in the water vapor, liquid water and surface winds over the global oceans, 85-13115

**Nitrous oxide.**

Sources and sinks for nitrous oxide and experimental studies of the source of atmospheric COS, CS<sub>2</sub> and CH<sub>3</sub>Cl, 85-13436

**Noise.**

Ambient noise in the sea /, 85-12365

Noise path identification using face-to-face and side-by-side microphone arrangements, 85-13299

**Noise control.**

Field-aligned electron density irregularities near 500 KM - equator to polar cap topside sounder Z mode observations, 85-13118

Uniform apparent contract noise, 85-13104

**Nonlinear theories.**

Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires /, 85-13462

**Nontariff trade barriers — United States.**

The Impact of tariff and nontariff barriers on the U.S. sheet vinyl flooring industry : report to the Subcommittee on Trade, Committee on Ways and Means, U.S. House of Representatives, investigation no. 332-179, under section 332(b) of the Tariff Act of 1930, as amended., 85-12981

**Nonverbal communication in education — United States.**

Nonverbal communications between American Indian children and their teachers : final report /, 85-12463

Nonverbal factors in the education of Chinese American children : a film study /, 85-12470

**North Atlantic Treaty Organization.**

NATO : a time for renewed commitment : report of the Delegation to Northern NATO and the Nordic Region of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13783

**North Dakota — Maps, Topographic.**

7.5 minute series (topographic) : [North Dakota]. 48103-F7-TF-024, Writing Rock South quadrangle, North Dakota /, 85-12883

7.5 minute series (topographic) : [North Dakota]. 48103-G7-TF-024, Writing Rock North quadrangle, North Dakota - Divine Co. /, 85-12884

7.5 minute series (topographic) : [North Dakota]. 48103-G8-TF-024, Alkabo quadrangle, North Dakota - Divine Co. /, 85-12885

7.5 minute series (topographic) : [North Dakota]. 48103-H5-TF-024, Colgan East quadrangle, North Dakota - Saskatchewan /, 85-12886

7.5 minute series (topographic) : [North Dakota]. 48103-H6-TF-024, Colgan West quadrangle, North Dakota - Saskatchewan /, 85-12887

**North Sea — Navigation.**

English Channel-North Sea, Dover to Orford Ness and Cap Gris-Nez to Hoek Van Holland /, 85-12176

North Sea, Denmark-Netherlands, West Germany, Ameland to Fano /, 85-12177

Norway, Lindesnes to Nordkapp /, 85-12182

## North Sea Navigation.

Scotland-east coast, Montrose to Berwick : facsimile reproduction of British Admiralty chart 1407., 85-12172

**Northwest Regional Educational Laboratory.**  
Needs assessment summary : cost analysis, policy analysis, and other evaluation methods /, 85-12446

**Norway pine.**  
Mechanized red pine tree planting operation : a time study /, 85-11917

**Norway pine — Economic aspects — Lake States.**  
A new look at red pine financial returns in the Lake States /, 85-11897

**Norwegian Sea — Navigation.**  
Iceland-north coast, Horn to Raudnupur /, 85-12181

Norway, Lindesnes to Nordkapp /, 85-12182

Norway-west coast, Brandsfjord to Leka /, 85-12183

**Notices to mariners — United States — Periodicals.**  
Light list /, 85-13621

**Nuclear engineering — Louisiana.**  
Technical specifications, Waterford Steam Electric Station, Unit no. 3, docket no. 50-382 : appendix "A" to license no. NPF-26., 85-13712

**Nuclear engineering — Michigan.**  
Safety evaluation report related to the operation of Enrico Fermi Atomic Power Plant, Unit no. 2, docket no. 50-341 : Detroit Edison Company, et al., 85-13707

**Nuclear facilities — United States — Management.**  
Organizational analysis and safety for utilities with nuclear power plants /, 85-13723

**Nuclear facilities — United States — Safety measures.**  
Organizational analysis and safety for utilities with nuclear power plants /, 85-13723

**Nuclear facilities.**  
Task analysis of nuclear power plant control room crews /, 85-13725

**Nuclear facilities — Contracts and specifications — United States.**  
Technical specifications, Callaway Plant, Unit no. 1 : docket no. STN 50-483 : appendix "A" to license no. NPF-30., 85-13713

**Nuclear facilities — Environmental aspects — Pennsylvania — Beaver County.**  
Draft environmental statement related to the operation of Beaver Valley Power Station, Unit 2, docket no. 50-412 : Du-

quesne Light Company, et al., 85-13715

**Nuclear facilities — Licenses — United States.**  
Materials licensing study : phase 1., 85-13724

**Nuclear facilities — Louisiana — Safety measures.**  
Safety evaluation report related to the operation of Waterford Steam Electric Station, Unit No. 3, docket no. 50-382 : Louisiana Power & Light Company., 85-13705

**Nuclear facilities — New York (State) — Evaluation.**  
Safety evaluation report related to the full-term operating license for R.E. Ginna Nuclear Power Plant, docket no. 50-244 : Rochester Gas and Electric Corporation., 85-13710

**Nuclear facilities — South Carolina — Safety measures.**  
Safety evaluation report related to the operation of Catawba Nuclear Station, Units 1 and 2 : docket nos. 50-413 and 50-414, Duke Power Company, et al., 85-13711

**Nuclear facilities — United States.**  
An assessment of terminal blocks in the nuclear power industry /, 85-13732  
Detonation calculations using a modified version of CSQII : examples for hydrogen-air mixtures /, 85-13733

**Nuclear facilities — United States — Safety measures.**  
Technical specifications, Callaway Plant, Unit no. 1 : docket no. STN 50-483 : appendix "A" to license no. NPF-30., 85-13713

**Nuclear fuel claddings.**  
Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay /, 85-13739

**Nuclear fuels — United States.**  
The Nuclear fuel cycle., 85-12413

**Nuclear medicine — United States.**  
Recommendations for quality assurance programs in nuclear medicine facilities /, 85-12686

**Nuclear nonproliferation.**  
Salt II violations : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session : special hearing, Department of Defense, nondepartmental witnesses., 85-13775

## Subject Index

**Nuclear nonproliferation — Addresses, essays, lectures.**  
Geneva and beyond : new arms control negotiations : January 14, 1984., 85-13522

**Nuclear physics — Research — United States.**  
Lessons learned in utility management and the status of the R&D program following the accident at Three Mile Island : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13922

**Nuclear pressure vessels.**  
Characterization of nuclear reactor containment penetrations /, 85-13735

**Nuclear reactors — Contracts and specifications — United States.**  
Technical specifications, Byron Station, Unit no. 1, docket no. STN 50-454 : appendix "A" to license no. NPF-23., 85-13716

**Nuclear reactors — Maryland — Evaluation.**  
Interim reliability evaluation program : analysis of the Calvert Cliffs, unit 1 nuclear power plant /, 85-13729

**Nuclear reactors — Maryland — Reliability.**  
Interim reliability evaluation program : analysis of the Calvert Cliffs, unit 1 nuclear power plant /, 85-13729

**Nuclear reactors — Pipe lines — Congresses.**  
Proceedings of the CSNI Specialist Meeting on Leak-Before-Break in Nuclear Reactor Piping : held at Monterey, California, September 1-2, 1983., 85-13747

**Nuclear reactors — United States.**  
Lessons learned in utility management and the status of the R&D program following the accident at Three Mile Island : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13922

**Nuclear reactors — United States — Containment.**  
Characterization of nuclear reactor containment penetrations /, 85-13735  
CONTEMPT4/MOD5 : an improvement to CONTEMPT4/MOD4 multicompartment containment system analysis program for ice containment analysis /, 85-13744

**Nuclear reactors — United States — Control.**

An assessment of terminal blocks in the nuclear power industry /, 85-13732

Identification and assessment of anticipated major changes in control rooms /, 85-13742

**Nuclear reactors — United States — Cooling — Safety measures — Mathematical models.**

PLUGM, a coupled thermal-hydraulic computer model for freezing melt flow in a channel /, 85-13722

**Nuclear spectroscopy.**

Neutron dosimetry at commercial nuclear plants : final report of subtask C, <sup>3</sup>He neutron spectrometer /, 85-13730

**Nurses — United States.**

Who cares enough : Public Health Service nurses., 85-12646

**Nursing — United States.**

Nursing service administrative development : first level program guide /, 85-13647

**Nut trees — United States.**

'Golden' chinquapin., 85-11859

**Nutrition policy — United States — Directories.**

Directory of cooperating agencies /, 85-12004

**Nuts — United States — Statistics — Periodicals.**

Noncitrus fruits and nuts, 85-11974

Noncitrus fruits & nuts. Annual summary., 85-11974

**O**

**Oak — California.**

Five southern California oaks : identification and postfire management /, 85-11940

**Oak — Diseases and pests — Michigan.**

Oak sprout canker., 85-11952

**Oak — Seedlings.**

Nuttall oak direct seedlings still successful after 11 years /, 85-11926

**Oats.**

Oats : background for 1985 farm legislation., 85-11866

**Occupational diseases — United States.**

Labor-management relations and employee health and safety at the General Dynamics Corp. : joint hearing before the Subcommittee on Labor-Management Relations and the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 20, 1984., 85-13815

**Occupational retraining — United States.**

An Act to Amend the Vocational Education Act of 1963 to Strengthen and Expand the Economic Base of the Nation, Develop Human Resources, Reduce Structural Unemployment, Increase Productivity ....., 85-12596

Carl D. Perkins Vocational Education Act, 85-12596

Older worker employment comes of age : practice and potential., 85-13698

**Occupational training — United States — Computer programs.**

Nuclear power plant personnel qualifications and training : TSORT—an automated technique to assign tasks to training strategies /, 85-13728

**Ocean temperature.**

Satellite-Derived Sea Surface Temperature : Workshop-II, June 22-24, 1983, Pasadena, California, 85-13328

**Ocean waves — Mathematical models.**

A novel algorithm for sea surface height estimation using complex SAR data, 85-13225

**Oceanography — Bibliography.**

Management information., 85-12113

**Oceanography — Periodicals.**

N.O.A.A., 85-12099

NOAA., 85-12099

**Oceanography — Research — United States.**

Status of U.S. marine research : hearing before the Subcommittee on Oceanography and the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on U.S. marine scientific research capabilities oversight, September 26, 1984., 85-13908

**Office layout.**

Interim design guidelines for automated offices /, 85-12088

**Office practice — Automation.**

Interim design guidelines for automated offices /, 85-12088

**Offshore structures.**

Icing rate on stationary structures under marine conditions /, 85-12324

**Offshore structures — Safety measures.**

Offshore installations emergency evacuation : hearing before the Subcommittee on Panama Canal/Outer Continental Shelf of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6291 ... October 4, 1984., 85-13910

**Oklahoma Maps, Topographic.**

**Ohio — Maps, Topographic.**

7.5 minute series (topographic) : [Ohio]. 41081-A4-TF-024, Akron East quadrangle, Ohio, 1967 /, 85-12865

**Oil and gas leases — Mexico, Gulf of.**

Summary report on the regional geology, petroleum potential, environmental consideration for development, and estimates of undiscovered recoverable oil and gas resources of the United States Gulf of Mexico Continental Margin in the area of proposed oil and gas lease sales nos. 81 and 84, 85-12837

**Oil and gas leases — Utah — Garfield County.**

Draft environmental impact statement on the Circle Cliffs combined hydrocarbon lease conversion /, 85-12727

**Oil industries — Argentina.**

Argentine agricultural policies in the grain and oilseed sectors /, 85-11982

**Oil sands — Environmental aspects — Utah.**

Draft air quality analysis for the combined hydrocarbon EIS, eastern and south-central Utah — Sunnyside STSA /, 85-12730

**Oil sands — Environmental aspects — Utah — Garfield County.**

Draft environmental impact statement on the Circle Cliffs combined hydrocarbon lease conversion /, 85-12727

**Oil sands — Utah.**

Sunnyside combined hydrocarbon lease conversion : socioeconomic technical report /, 85-12960

**Oil sands extraction plants — Economic aspects — Utah.**

Sunnyside combined hydrocarbon lease conversion : socioeconomic technical report /, 85-12960

**Oil-shale industry — United States.**

Groundwater monitoring recommendations for oil shale development /, 85-12500

**Oil-shales — United States.**

Leaching and selected hydraulic properties of processed oil shales /, 85-12480

**Oil wells — United States — Maps.**

Wells drilled for oil and gas deeper than 15,000 feet in the conterminous United States and offshore, 85-12822

Wells drilled for oil and gas deeper than 20,000 feet in the conterminous United States and offshore, 85-12823

**Oklahoma — Maps, Topographic.**

7.5 minute series (topographic) : [Oklahoma]. [35096-H1-TF-024], Sapulpa South quadrangle, Oklahoma, 1958 /, 85-12855

**Old age assistance — United States.**

An Act to Compensate Heirs of Deceased Indians for Improper Payments from Trust Estates to States or Political Subdivisions Thereof as Reimbursements for Old Age Assistance Received by Decedents During Their Lifetime., 85-12581

Old Age Assistance Claims Settlement Act, 85-12581

**Old age pensions — United States.**

Primary insurance amount for an average male worker /, 85-12645

Your social security rights and responsibilities: retirement and survivors benefits., 85-12643

**Olympic National Park (Wash.) —**

Antiquities.

Summary prehistory and ethnography of Olympic National Park, Washington /, 85-12946

**Omega Navigation System.**

Omega propagation correction tables for 10.2 kHz: area 17, east Pacific, station D (North Dakota) /, 85-12159

**Omega Navigation System — Tables.**

Omega propagation correction tables for 10.2 kHz: area 01 Northern Europe, Station F (Argentina) /, 85-12150

Omega propagation correction tables for 10.2 kHz: area 04, Alaska, station E (Reunion) /, 85-12151

Omega propagation correction tables for 10.2 kHz: area 04, Alaska, station G (Australia) /, 85-12152

Omega propagation correction tables for 10.2 kHz: area 06, Greenland, station A (Norway) /, 85-12153

Omega propagation correction tables for 10.2 kHz: area 07, Mediterranean, station H (Japan) /, 85-12154

Omega propagation correction tables for 10.2 kHz: area 08, Asia, station C (Hawaii) /, 85-12155

Omega propagation correction tables for 10.2 kHz: area 09, Northwest Pacific Station G (Australia) /, 85-12156

Omega propagation correction tables for 10.2 kHz: area 10, central Pacific, station G (Australia) /, 85-12157

Omega propagation correction tables for 10.2 kHz: area 11, North America, station G (Australia) /, 85-12158

**Operophtera.**

Bruce spanworm., 85-11951

**Optical communications.**

Optical fiber communications link design in compliance with systems performance standards /, 85-12116

**Optical radar.**

Identification of aerosol composition from multi-wavelength lidar measurements, 85-13240

**Option (Contract) — United States.**

A Study of the effects on the economy of trading in futures and options /, 85-13766

**Orbital rendezvous (Space flight) — Data processing.**

Elliptical orbit performance computer program, 85-13148

**Orbital transfer (Space flight)**

Propulsion issues for advanced orbit transfer vehicles, 85-13049

**Orbiting astronomical observatories.**

Orbiting dynamic compression laboratory, 85-13296

**Ordinances, Municipal — United States.**

OSHA hearings—state staffing levels and OSHA hazard communication standards: hearings before the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.J. Res. 319 ... and H.J. Res. 514 ..., hearings held in Washington, DC, on June 6, 26, 1984., 85-13817

**Ordinance — Handbooks, manuals, etc.**

Study manual phase II, electricity, electronics, and electrical armament circuits., 85-12340

**Oregon — Maps.**

Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon /, 85-12780

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Oregon /, 85-12779

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Oregon /, 85-12778

Maps showing ground-water units and number of large capacity wells basin and range province, Oregon /, 85-12777

**Oregon — Public lands.**

Proposed John Day resource management plan and final environmental impact statement /, 85-12728

**Organic compounds — Statistics.**

Summary of trade and tariff information: certain organic chemical crudes: TSUS items 401.06-401.10, 401.18, 401.22-401.24, 401.44, 401.60-401.62, 401.70-401.74 (pt.), and 401.76-401.80., 85-12973

**Organizational effectiveness.**

Organizational analysis and safety for utilities with nuclear power plants /, 85-13723

**Osage Indians — Legal status, laws, etc.**

An Act to Provide That Any Osage Heir-dright or Restricted Real Estate or Funds Which Is Part of the Estate of a Deceased Osage Indian Who Did Not Possess a Certificate of Competency at the Time of Death Shall Be Exempt from Any Estate or Inheritance Tax Imposed by the State of Oklahoma., 85-12612

**Otachyrium — Classification.**

Revision of the South American genus Otachyrium (Poaceae: Panicoideae) /, 85-13549

**Outdoor recreation — Northwestern States**

— Maps.

National Forests, Northern Region, 1981 /, 85-11886

**Outer space — Exploration — United States**

— Congresses.

Space Symposium 1984: America plans for space, 6-7 December 1984., 85-12220

**Oxidation.**

The transient oxidation of single crystal NiAlZr /, 85-13403

**Oxidation-reduction reaction.**

Anion permselective membrane, 85-13402

**Oxygen.**

Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material, 85-13342

**Ozone — Statistics.**

Tabulation of ozonesonde data: 1963-1980 /, 85-13390

**P**

**Pacific Area — Commerce — China.**

China's trade with other Pacific rim nations: hearing before the Special Subcommittee on U.S. Trade with China of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13824

**Pacific Area — Foreign economic relations — China.**

China's trade with other Pacific rim nations: hearing before the Special Subcommittee on U.S. Trade with China of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, October 4, 1984., 85-13824

**Pacific Coast (Chile) — Navigation.**

Chile, Bahia de Valparaiso to Golfo de Arauco /, 85-12164

**Pacific Coast (Japan) — Navigation.**

Japan, Honshu-east coast, Shiota Zaki to Ishinomaki Wan., 85-12217

Japan, Honshu-south coast and Nojima Zaki to Omae Zaki., 85-12218

**Pacific Ocean — Navigation.**

Omega propagation correction tables for 10.2 kHz : area 10, central Pacific, station G (Australia) /, 85-12157

**Pacific Ocean — Navigation — Tables.**

Omega propagation correction tables for 10.2 kHz : area 17, east Pacific, station D (North Dakota) /, 85-12159

**Pacific States — Manufactures — Statistics.**

1982 census of manufactures. Preliminary report. Geographic area series. Pacific States (Alaska, California, Hawaii, Oregon, Washington), 85-12022

**Packing-houses — United States — Statistics.**

1982 census of manufactures. Preliminary report. Industry series. Meat packing plants, sausages and other prepared meats (industries 2011 and 2013), 85-12023

**Pactola Reservoir (S.D.)**

Pactola., 85-12898

**Paint — Statistics.**

Summary of trade and tariff information : artists' colors, inks and ink powders, and paints, coating, and related items : TSUS items 408.12, 408.48, 413.50, and 474.02-474.62., 85-12976

**Painting books.**

"Have fun coloring and learn how to prevent crime tool" : the crime prevention coloring book., 85-12232

**Paleontology — Bibliography — Catalogs.**

Fossils., 85-12546

**Paper making and trade — Statistics.**

Summary of trade and tariff information : pulp and paper machinery bookbinding machinery : TSUS items 668.00, 668.02, 668.04, 668.5, 668.06, 668.07, and 668.10., 85-12977

**Paper-making machinery — Statistics.**

Summary of trade and tariff information : pulp and paper machinery bookbinding machinery : TSUS items 668.00, 668.02, 668.04, 668.5, 668.06, 668.07, and 668.10., 85-12977

**Paperboard industry — United States —****Data processing.**

Computer model for economic study of unbleached kraft paperboard production /, 85-11935

**Parallel processing (Electronic computers)**

Design, development and use of the finite element machine, 85-13178

An Interval logic for higher-level temporal reasoning, 85-13185

A model for the distributed storage and processing of large arrays, 85-13180

MPP disk subsystem, 85-13407

**Paratransit services — United States.**

Coordinated transportation demonstration results : final report /, 85-13586

**Paratransit services — Washington (D.C.)**

Taxi regulation in a free entry market : a case study of Washington, D.C. /, 85-13587

**Parent and child.**

Exploring parenting /, 85-12720

**Parenting.**

Exploring parenting /, 85-12720

**Particle size determination.**

Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746

**Patent licenses — United States.**

Inventions available for licensing., 85-11971

**Patent licenses — United States — Catalogs.**

Inventions available for licensing., 85-11971

**Patents — United States — Handbooks, manuals, etc.**

Patents and trademarks style manual : a supplement to the United States Government Printing Office style manual., 85-12093

**Patents — United States — Periodicals.**

Commissioner of Patents and Trademarks annual report /, 85-12091

Consolidated listing of recent Official gazette notices, re Patent and Trademark Office practices and procedures., 85-12092

Official gazette, 85-12092

**Patents, Government-owned — United States — Catalogs.**

Catalog of government patents /, 85-12096

Inventions available for licensing., 85-11971

**\*Patient Education — Abstracts**

Current awareness in patient education., 85-12700

**Patient education — United States —****Abstracts.**

Current awareness in patient education., 85-12700

**Pattern recognition systems.**

Pattern recognition for space applications center director's discretionary fund, 85-13039

**Pavements — Design and construction.**

Pavement design for seasonal frost conditions., 85-12254

**Pavements — Frost damage.**

Pavement design for seasonal frost conditions., 85-12254

**Pavements — Maintenance and repair.**

Pavement and shoulder maintenance performance guides., 85-13596

**Pavements — Pennsylvania — Centre County — Skid resistance.**

Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) /, 85-13599

**Pavements, Asphalt — Pennsylvania — Centre County — Maintenance and repair.**

Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) /, 85-13599

**Pavements, Bituminous — Maintenance and repair.**

Sprinkle treatment of bituminous concrete for improved skid resistance (construction report) /, 85-13599

**Pavements, Concrete — Design and construction.**

Construction of a recycled portland cement concrete pavement /, 85-13598

**Pavements, Concrete — Maintenance and repair.**

Pavement and shoulder maintenance performance guides., 85-13596

**Payment — United States.**

Milk Producers Prompt Payment Act of 1984 : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5037, July 26, 1984., 85-13772

**Peace Corps (U.S.)**

Business., 85-13481

Community development., 85-13482

Engineering., 85-13483

Forestry/fisheries., 85-13484

**Peaceful change (International relations)**

Settlement of the Cyprus question : communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary

- General of the United Nations, pursuant to 22 U.S.C. 2373(c), 85-13680
- Peanut industry — United States.**  
Peanuts : background for 1985 farm legislation., 85-11862
- Pedestrians — Washington (State) — Seattle.**  
Priority accessible network for the elderly and handicapped in Seattle., 85-13595
- Pensions, Military — Law and legislation — United States.**  
An Act to Amend Title 38, United States Code, to Increase the Rates of Disability Compensation for Disabled Veterans and of Dependency and Indemnity Compensation for Surviving Spouses and Children of Veterans, to Increase the Rates of Subsistence and Educational Assistance Allowances ...., 85-12602
- Veterans' Benefits Improvement Act of 1984.**, 85-12602
- Pentachlorophenol.**  
Wood preservative pesticides : creosote, pentachlorophenol, and the inorganic arsenicals., 85-12523
- Peritoneal dialysis — Directories.**  
National listing of providers furnishing kidney dialysis and transplant services /, 85-12718
- \*Peritoneal Dialysis — United States — directories.**  
National listing of providers furnishing kidney dialysis and transplant services /, 85-12718
- Persian Gulf — Navigation.**  
Asia, Persian Gulf-southeastern part, Halat Al Mubarratz to Ash Shariqah /, 85-12197
- Persian Gulf, Kuwait-Iraq-Iran, Outer Approaches to Shatt Al Arab and Khawr-E Musa /**, 85-12198
- Personal rapid transit.**  
Development/deployment investigation of Cabintaxi/Cabinlift system /, 85-13626
- Pesticides policy — United States.**  
Alternatives to ethylene dibromide (EDB) : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 9, 1984., 85-13769
- Petroleum — Refining — Data processing.**  
Computer analysis of effects of altering jet fuel properties on refinery costs and yields., 85-13392
- Petroleum — United States — Reserves.**  
Strategic petroleum reserve : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 24, 1984., 85-13835
- Petroleum — United States — Reserves — Marketing.**  
Problems with distribution of oil from the strategic petroleum reserve : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 10, 1984., 85-13873
- Petroleum — United States — Reserves — Transportation.**  
Problems with distribution of oil from the strategic petroleum reserve : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 10, 1984., 85-13873
- Petroleum — United States — Storage.**  
Strategic petroleum reserve : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 24, 1984., 85-13835
- Petroleum — West (U.S.)**  
Computer program directory for petroleum assessment of wilderness lands in the western United States., 85-12833
- Petroleum as fuel — Environmental aspects — United States.**  
Candidate sampling and analysis methods for 21 suspect carcinogens in combustion emissions /, 85-12509
- Petroleum chemicals industry — United States — Statistics.**  
Summary of trade and tariff information : butadiene, ethylene and other major primary olefins, and certain other hydrocarbons, TSUS items 429.50-429.56., 85-12974
- Petroleum conservation — United States.**  
Hybrid vehicle assessment., 85-13329
- Petroleum in submerged lands — Mexico, Gulf of.**  
Summary report on the regional geology, petroleum potential, environmental consideration for development, and estimates of undiscovered recoverable oil and gas resources of the United States Gulf of Mexico Continental Margin in the area of proposed oil and gas lease sales nos. 81 and 84., 85-12837
- Petroleum industry and trade — United States.**  
Problems with distribution of oil from the strategic petroleum reserve : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 10, 1984., 85-13873
- Petroleum industry and trade — United States — Statistics.**  
1982 census of manufactures. Preliminary report. Industry series. Petroleum refining, lubricating oils and greases (industries 2911 and 2992)., 85-12029
- Petrology.**  
The magnetic petrology of the deep crust and the interpretation of regional magnetic anomalies., 85-13439
- Petrology — United States.**  
Final technical report for the period 1 June 1980 to 30 April 1983 on agreement NAG5-35 and supplements #1 and #2 between NASA and the Department of Earth and Planetary Sciences, The Johns Hopkins University, Baltimore, MD 21218 entitled 'Petrologic and geophysical sources of long-wavelength crustal magnetic anomalies', 85-13414
- Pharmacology — Abstracts — Periodicals.**  
Annual report /, 85-12678
- Philippines.**  
Philippines, a country study /, 85-12273
- Phoenix Indian Medical Center.**  
Phoenix Indian Medical Center : drug formulary., 85-12638
- Phosphoric acid.**  
Full scale phosphoric acid-fuel cell stack technology development., 85-13394
- Photoelectric cells.**  
Synthesis of major economic studies of residential photovoltaics., 85-13350
- Photogrammetry.**  
Video model deformation system for the national transonic facility., 85-13092
- Photogrammetry — United States.**  
A comparison of two photogrammetric algorithms for the measurement of model deformation in the national transonic facility., 85-13102
- Photography, Aerial.**  
An analysis of spectral discrimination between corn and soybeans using a row crop reflectance model., 85-13372
- How to obtain aerial photographs.**, 85-12843

- Land use inventory of Salt Lake County, Utah from color infrared aerial photography, 1982, 85-13378**
- Photography of rocks.**  
Photography of rock core samples, 85-11955
- Photovoltaic power generation.**  
Low-frequency switching voltage regulators for terrestrial photovoltaic systems, 85-13050  
Qualification testing of solar photovoltaic powered refrigerator freezers for medical use in remote geographic locations, 85-13155  
Requirements for a transformerless power conditioning system, 85-13330  
Solar photovoltaic powered refrigerators/freezers for medical use in remote geographic locations, 85-13159  
Summary of photovoltaic system performance models, 85-13325
- Photovoltaic power generation — Environmental aspects — United States.**  
Environmental, health, and safety assessment of photovoltaics, 85-13327
- Photovoltaic power generation — Equipment and supplies.**  
Process research of non-CZ silicon material, 85-13344
- Photovoltaic power generation — United States.**  
The current state and future prospects of the U.S. photovoltaics industry : hearings before the Subcommittee on Energy Development and Applications of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, September 11, 19, 1984., 85-13926
- Phthalic acid — Testing.**  
EPA method study 16, method 606, phthalate esters /, 85-12502
- Physical fitness.**  
Exercise and your heart /, 85-12655
- Physical measurements — Handbooks, manuals, etc.**  
Precision measuring equipment technician (AFSC 32470) /, 85-12390
- Physically handicapped — United States — Transportation.**  
Coordinated transportation demonstration results : final report /, 85-13586
- Physically handicapped — Washington (State) — Seattle — Transportation.**  
Priority accessible network for the elderly and handicapped in Seattle., 85-13595
- Physicians' assistants — United States.**  
An Evaluation of the ability of Navy hospital corpsmen to collect chest pain data from patients /, 85-12343
- Phytogeography — Idaho — Craters of the Moon National Monument — Maps.**  
Craters of the Moon National Monument vegetation type map /, 85-12949
- Phytoplankton — United States.**  
A radiative transfer model for remote sensing of laser induced fluorescence of phytoplankton in non-homogeneous turbid water, 85-13353
- Pick-Sloan Missouri Basin Program (U.S.)**  
An Act to Authorize Amendments to a Certain Repayment and Water Service Contract for the Frenchman Unit of the Pick-Sloan Missouri River Basin Program., 85-12579
- Pigments — Statistics.**  
Summary of trade and tariff information : artists' colors, inks and ink powders, and paints, coating, and related items : TSUS items 408.12, 408.48, 413.50, and 474.02-474.62., 85-12976
- Pine — Louisiana.**  
Deer and cattle forage selection on Louisiana pine-hardwood sites /, 85-11908
- Pinus monticola.**  
Short internodes in western white pine /, 85-11913
- Pipe lines — Safety regulations — United States.**  
An Act to Authorize Appropriations for Fiscal Year 1985 to Carry Out the Natural Gas Pipeline Safety Act of 1968 and the Hazardous Liquid Pipeline Safety Act of 1979, and for Other Purposes., 85-12576  
Pipeline safety regulations : enforcement procedures, part 190 : natural gas, part 191-192., 85-13638
- Pipe lines — United States — Evaluation.**  
Discriminatory taxation on pipelines : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on S. 2932 ... September 28, 1984., 85-13795
- Pipes, Deposits in.**  
In situ analysis of corrosive and passive surfaces by laser-excited Raman spectroscopy /, 85-12493
- Pisgah National Forest (N.C.)**  
Proposed land and resource management plan : Nantahala & Pisgah National Forests, North Carolina., 85-11949
- Pitching (Aerodynamics)**  
An Advanced pitch change mechanism incorporating a hybrid traction drive, 85-13071
- Planetology.**  
[NASA-Texas planetary program], 85-13358
- Planetology — Computer programs.**  
Development INTERDATA 8/32 computer system, 85-13449
- Planets.**  
The Geology of the terrestrial planets /, 85-13134
- Planets — Congresses.**  
Planetary Data Workshop : part 2 : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983., 85-13458  
Planetary Data Workshop : proceedings of a workshop held at Goddard Space Flight Center, Greenbelt, Maryland, November 29-December 1, 1983/, 85-13459
- Planets — Ephemerides.**  
Planetary geometry handbook, 85-13220, 85-13221
- Planets — Geology — Abstracts.**  
Reports of planetary geology program - 1983, 85-13121
- Planets — Geology — Bibliography.**  
A Bibliography of planetary geology and geophysics principal investigators and their associates, 1983-1984 /, 85-13129  
A bibliography of planetary geology principal investigators and their associates, 1982-1983, 85-13122
- Plant communities — Rocky Mountains Region.**  
Understory vegetation inventory : an efficient procedure /, 85-11895
- Plant indicators — Southern States — Statistical methods.**  
Factor analysis of the chemistry of Spanish moss /, 85-12743
- Planting time — United States — Statistics.**  
Usual planting and harvesting dates for U.S. field crops., 85-11876
- Plants — Transpiration.**  
Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration and water stress in western coniferous forests /, 85-11905
- Plants — Transpiration — Data processing.**  
Documentation and preliminary validation of H2OTRANS and DAYTRANS, two models for predicting transpiration

## Plants Transpiration Data processing.

and water stress in western coniferous forests /, 85-11905

### Plants, Edible — Tropics.

Growing food in containers in the Tropics /, 85-11969

### Plasma arc cutting.

Characteristics of arc currents on a negatively biased solar cell array in a plasma, 85-13082

### Plasma chemistry.

Effects of chemical releases by the STS-3 orbiter on the ionosphere, 85-13171

### Plasma dynamics.

Plasma and magnetospheric research, 85-13170

### Plastic films.

U.S./U.S.S.R. joint studies on plastic films and soil stabilizers., 85-12899

### Plates (Engineering) — Design — Data processing.

Users guide : computer program for optimum dynamic design of nonlinear metal plates under blast loading (CSDOOR) /, 85-12321

### Plumes (Fluid dynamics)

The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445

### Plywood industry — United States.

The softwood plywood industry in the United States, 1965-82 /, 85-11929

### Pocket gophers — Food.

Pocket gopher food habits on two disturbed forest sites in central Arizona /, 85-11906

### Poisson's equation.

Composite laminates with negative through-the-thickness Poisson's ratios, 85-13288

### Polariscope.

Research in solar physics, 85-13173

### Police dogs.

Military police : military working dogs., 85-12253

### Pollution — Law and legislation — United States.

Superfund Expansion and Protection Act of 1984 : hearing before the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5640 ... July 25, 1984., 85-13941

### Pollution — United States.

Toxic chemicals : what they are, how they affect you., 85-12482

### Polycarbonates.

Three-dimensional measurements of fatigue crack closure, 85-13286

### Polyimides.

Evaluation of two polyimides and of an improved liner retention design for self-lubricating bushings, 85-13076

### Polymers and polymerization.

Manufacture of DPFC-DMS polymer in the SKG range, 85-13455

### Polymers and polymerization — Deterioration.

Heterogeneous oxidative degradation in irradiated polymers /, 85-13731

### Polymers and polymerization — Effect of radiation on.

Heterogeneous oxidative degradation in irradiated polymers /, 85-13731

### Ponderosa pine — Growth.

Biomass estimators for thinned second-growth ponderosa pine trees /, 85-11921

### Poor — Government policy — United States.

The President's 1986 budget : an assault on America's aged and poor : a report /, 85-13765

### Poor — United States — Energy assistance.

Human Services Reauthorization Act., 85-12608

### Poplar.

Weed control for establishing intensively cultured hybrid poplar plantations /, 85-11918

### \*Population Growth — United States — statistics.

Fertility of American women., 85-12043

### Population research — United States — Periodicals.

Progress report of the Center for Population Research, National Institute of Child Health and Human Development., 85-12677

### Portland cement — Michigan — Macomb County.

Construction of a recycled portland cement concrete pavement /, 85-13598

### Postal service — Nevada — Directories.

Nevada, Utah ZIP4 state directory /, 85-13479

ZIP4 state directory. Nevada, Utah, 85-13479

### Postal service — United States — Buildings.

How to apply National Register criteria to post offices /, 85-12950

### Postal service — United States — Business-reply mail.

Preparing business and courtesy reply mail., 85-13478

## Subject Index

### Postal service — Utah — Directories.

Nevada, Utah ZIP4 state directory /, 85-13479

ZIP4 state directory. Nevada, Utah, 85-13479

### Postal service — Washington (D.C.) — Buildings.

An Act to Authorize the Administrator of General Services to Transfer to the Smithsonian Institution Without Reimbursement the General Post Office Building and the Site Thereof Located in the District of Columbia, and for Other Purposes., 85-12595

### Postal service — Washington (State) — Directories.

Washington ZIP4 state directory /, 85-13480

ZIP4 state directory. Washington, 85-13480

### Poultry — Inspection — Law and legislation — United States.

Meat, Poultry, and Egg Products Inspection Amendments of 1983; exempt restaurant central kitchens from federal inspection requirements; and USDA's five-point program of inspection in livestock and poultry slaughter plants : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 2691 and H.R. 5223, May 17, 1984., 85-13770

### Poultry — United States — Inspection — Periodicals.

List of plants operating under USDA poultry and egg grading and egg products inspection programs /, 85-11973

### Poultry industry — United States — Directories.

Directory of participants handling waterfowl, exhibition poultry, and game birds, 85-12006

National poultry improvement plan. Directory of participants handling waterfowl, exhibition poultry, and game birds., 85-12006

### Power electronics.

Calibration procedure for peak power calibrator, Hewlett-Packard, model 8900B., 85-12287

### Power-plants — Colorado.

Appraisal study of saline water use equipment for power plant cooling /, 85-12901

### Power-plants — Environmental aspects — Wisconsin.

Instrumentation, recording, and processing of meteorological data near Por-

- tage, Wisconsin : Wisconsin power plant impact study /, 85-12497
- Power-plants — Wisconsin.**  
A simple transmission network planning method : Wisconsin power plant impact study /, 85-12496
- Power resources — Law and legislation — United States — Periodicals.**  
CFR. 10, Energy, 85-12560  
Code of federal regulations. 10, Energy., 85-12560  
Energy, 85-12560
- Power transmission.**  
Factors that affect the fatigue strength of power transmission shafting and their impact on design, 85-13048
- Pre-trial intervention — United States.**  
Preventive detention of juveniles : hearing before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, oversight hearing to review the recent Supreme Court decision relating to the pretrial detention of juvenile offenders, June 19, 1984., 85-13892
- Pregnancy, Adolescent — Government policy — United States.**  
Reauthorization of the Adolescent Family Life Demonstration Projects Act of 1981 : hearings before the Subcommittee on Family and Human Services of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 24 and 26, 1984., 85-13905
- Pregnancy, Adolescent — United States.**  
An Act to Revise and Extend the Programs of Assistance Under Titles X and XX of the Public Health Service Act., 85-12591
- Pregnancy, Complications of — United States.**  
A followup study of mothers exposed to diethylstilbestrol in pregnancy /, 85-12670
- Presidents — United States — Term of office.**  
Commencement of terms of office of the President and Members of Congress : hearing before the Subcommittee on the Constitution of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 71 ... April 24, 1984., 85-13893
- Pressurized water reactors — Cores.**  
Report on large scale molten core/magnesia interaction test /, 85-13727
- Pressurized water reactors — Cores — Accidents.**  
CONTEMPT4/MOD5 : an improvement to CONTEMPT4/MOD4 multicompartment containment system analysis program for ice containment analysis /, 85-13744
- Pressurized water reactors — Cores — Accidents — Computer programs.**  
CORCON-MOD2 : a computer program for analysis of molten-core concrete interactions /, 85-13738
- Pressurized water reactors — Critical heat flux.**  
Report on large scale molten core/magnesia interaction test /, 85-13727
- Pressurized water reactors — Loss of coolant.**  
CONTEMPT4/MOD5 : an improvement to CONTEMPT4/MOD4 multicompartment containment system analysis program for ice containment analysis /, 85-13744
- Pressurized water reactors — Loss of coolant — Simulation methods.**  
BWR Full Integral Simulation Test (FIST) program facility description report /, 85-13718
- Pressurized water reactors — Pipe lines — Safety measures.**  
Water hammer, flow induced vibration and safety/relief valve loads /, 85-13740
- Priest River Experimental Forest (Idaho)**  
Climate of Priest River Experimental Forest, northern Idaho /, 85-11936
- Printing, Practical — Style manuals.**  
Patents and trademarks style manual : a supplement to the United States Government Printing Office style manual., 85-12093
- Printing, Public — United States — Handbooks, manuals, etc.**  
Patents and trademarks style manual : a supplement to the United States Government Printing Office style manual., 85-12093
- Prison sentences — United States.**  
Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003
- Problem solving.**  
Command assessor team manual., 85-12358
- Produce trade — Cameroon.**  
Cameroon : an export market profile /, 85-11981
- Professional sports — Law and legislation — United States.**  
Professional Sports Team Community Protection Act : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5388 and H.R. 5430 ... June 21, 1984., 85-13829
- Programmed instruction — United States.**  
Factors critical to the implementation of self-paced instruction : a background review /, 85-12411  
Self-paced instruction : factors critical to implementation in Air Force technical training : a preliminary inquiry /, 85-12410
- Programming (Electronic computers) — Research — United States.**  
Status of research at the Institute for Computer Applications in Science and Engineering, 85-13187
- Programming languages (Electronic computers)**  
Considerations on command and response language features for a network of heterogeneous autonomous computers, 85-13117
- Project Voyager.**  
Large-scale interplanetary magnetic fields, 85-13116
- Propellants.**  
Combustion characteristics in the transition region of liquid fuel sprays, 85-13430
- Propellers — Design and construction.**  
Application of an optimization method to high performance propeller designs, 85-13072
- Propellers, Aerial.**  
Analysis of noise measured from a propeller in a wake /, 85-13464
- Psychiatric hospitals — United States — Statistics.**  
Distribution of psychiatric beds, United States and each state, 1982 /, 85-12712  
State and county mental hospitals, United States, 1980-81 and 1981-82 /, 85-12711
- Public contracts — United States.**  
Implementation of Circular A-76 : hearings before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 20 and 25, 1984., 85-13913

## Public contracts U.S.

## Subject Index

### Q

#### Questioning.

Interrogation after assertion of rights /, 85-12996

### R

#### Rabbit automobile — Crashworthiness.

MDB-to-car side impact test of a 19 crabbed moving deformable barrier to a 1976 Volkswagen Rabbit at 34.3 MPH /, 85-13630, 85-13631

#### Radar — United States — Handbooks, manuals, etc.

A user's manual for the NASA/JPL synthetic aperture radar and the NASA/JPL L- and C-band scatterometers, 85-13232

#### Radar — United States — Interference.

Speed-dependent collision effects on radar back-scattering from the ionosphere, 85-13204

#### Radar air traffic control systems — Handbooks, manuals, etc.

Air traffic control radar controller : soldier's manual : skill level I, MOS 93J., 85-12270

#### Radar in aeronautics.

Correlated measurements of UHF radar signatures, RF radiation, and electric field changes from lightning, 85-13084

Investigation of image enhancement techniques for the development of a self-contained airborne radar navigation system, 85-13151

Radar data smoothing filter study, 85-13161

#### Radar in earth sciences — Congresses.

Spaceborne Imaging Radar Symposium, 85-13215

#### Radiation — Safety measures.

Radiation protection for manned space activities, 85-13228

#### Radiation — Toxicology.

Radiation cancer liability : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 18, 1984., 85-13906

#### Radiation dosimetry.

A guideline for heavy ion radiation testing for single event upset (SEU), 85-13319

Neutron dosimetry at commercial nuclear plants : final report of subtask C, <sup>3</sup>He neutron spectrometer /, 85-13730

#### Radiation preservation of food.

Alternatives to ethylene dibromide (EDB) : hearing before the Subcom-

#### Public prosecutors — Washington (D.C.)

D.C. judges and independent counsel : hearings and markups before the Subcommittees on Fiscal Affairs and Health, Judiciary and Education and the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on H. R. 3655 ... H.R. 3920 ... H.R. 4146 ... H.R. 4371 ... H.R. 5279 ... H.R. 5636 ... H.R. 5951 ... H.R. 5379 and H.R. 6007 ... September 20, 28, 29, and November 17, 1983; May 2, June 14, 28, and July 24, 25, 1984., 85-13803

#### Public service employment — Law and legislation — United States.

Public Works Improvement Act of 1984., 85-12582

#### Public utilities — United States — Management.

Lessons learned in utility management and the status of the R&D program following the accident at Three Mile Island : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, May 22, 1984., 85-13922

#### Public welfare — Law and legislation — United States — Periodicals.

CFR. 45, Public welfare, 85-12565  
Code of federal regulations. 45, Public welfare., 85-12565  
Public welfare, 85-12565

#### Pulpwood industry — North Central States — Statistics — Periodicals.

Pulpwood production in the north central region by county., 85-11930

#### Pumping machine industry — United States — Statistics.

Summary of trade and tariff information : fan, blowers, compressors, air pumps and vacuum pumps, and air-conditioning and refrigeration machines : TSUS items 661.05-661.22, 661.35-661.37., 85-12979

#### Pumping stations — United States — Handbooks, manuals, etc.

Technical irrigation pumping plant test procedure manual /, 85-12420

#### Pyrometers and pyrometry.

A sensitive optical pyrometer for shock-temperature measurements, 85-13274

#### Pyrotechnics in astronautics.

Pyrotechnic shock, 85-13037

Do not order from index; see indicated entry

Public relations costs charged to DOD contracts : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 25, 1984., 85-13874

Review of the 10-percent set-aside program section 105 (f) of the Surface Transportation Assistance Act of 1982 : hearing before the Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, Washington, D.C., September 19, 1984., 85-13932

Small Business Administration's computer systems : hearing before the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, June 27, 1984., 85-13927

#### Public contracts — United States — Periodicals.

CFR. 48, Federal acquisition regulations system, 85-12568

Code of federal regulations. 48, Federal acquisition regulations system., 85-12568

Federal acquisition regulations system, 85-12568

#### Public health — Research — United States — Bibliography.

NCHSR reports available from NTIS., 85-12693

#### Public health — United States — Finance.

Health and the environment, miscellaneous : hearings before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, first session ..., 85-13828

#### Public health laws — United States.

Health and the environment, miscellaneous : hearings before the Subcommittee on Health and the Environment of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, first session ..., 85-13827, 85-13828

#### Public health nursing — United States.

Who cares enough : Public Health Service nurses., 85-12646

#### Public health personnel — United States.

The Public Health Service commissioned officers orientation guide, 1984., 85-12648

- mittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, May 9, 1984., 85-13769
- The status of the technical infrastructure to support domestic food irradiation : hearing before the Subcommittee on Energy Research and Production of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, July 26, 1984., 85-13921
- Radio — Transmitters and transmission.**  
Cell-site transceivers and subassemblies thereof from Japan : determination of the Commission in investigation no. 731-TA-163 (final) under the Tariff act of 1930, together with the information obtained in the investigation., 85-12984
- Radio, Military — United States — Handbooks, manuals, etc.**  
Radio and television broadcasting specialist (AFSC 79151), 85-12405
- Radio broadcasting — Licenses — United States.**  
Broadcast regulation and station ownership : hearing before the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6122 ... H.R. 6134 ... September 19, 1984., 85-13832
- Radio frequency.**  
WWVH : frequency-time broadcast services., 85-12085
- Radio frequency — Instruments — Maintenance and repair — Handbooks, manuals, etc.**  
Direct support and general support maintenance repair parts and special tools list for radio frequency plug-in, Weinschel Engineering Company model 432AP-2 (NSN 4931-01-060-0525), 85-12262
- Radio frequency allocation — United States.**  
Manual of regulations and procedures for federal radio frequency management : revisions for September 1984., 85-12114
- Radio frequency allocation — United States — Directories.**  
Directory of field contacts for the coordination of the use of radio frequencies., 85-12125
- Radio meteorology — Bibliography.**  
Management information., 85-12113
- Radio operators.**  
Message preparation ACP 127 ( ) tape format : workbook., 85-12316
- Radio programs — United States.**  
Broadcast regulation and station ownership : hearing before the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6122 ... H.R. 6134 ... September 19, 1984., 85-13832
- Radio stations — Hawaii.**  
WWVH : frequency-time broadcast services., 85-12085
- Radio supplies industry — Japan.**  
Cell-site transceivers and subassemblies thereof from Japan : determination of the Commission in investigation no. 731-TA-163 (final) under the Tariff act of 1930, together with the information obtained in the investigation., 85-12984
- Radio supplies industry — United States.**  
Cell-site transceivers and subassemblies thereof from Japan : determination of the Commission in investigation no. 731-TA-163 (final) under the Tariff act of 1930, together with the information obtained in the investigation., 85-12984
- Radio wave propagation — Bibliography.**  
Management information., 85-12113
- Radio waves — Polarization — Computer programs.**  
Polarization angles of linearly polarized antennas and radio waves in satellite communications /, 85-12117
- Radioactivation analysis.**  
Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies, 85-13242
- Radioactive decontamination — Environmental aspects — Pennsylvania.**  
Programmatic environmental impact statement related to decontamination and disposal of radioactive wastes resulting from March 28, 1979 accident Three Mile Island Nuclear Station, Unit 2, docket no. 50-320 : final supplement dealing with occupational radiation dose, GPU Nuclear, Inc., 85-13704
- Radioactive pollution — United States.**  
Background information document : (integrated risk assessment) : final rules for radionuclides., 85-12524
- Radioactive prospecting — Alaska — Maps.**  
Summary of radiometric anomalies in Alaska, 85-12806
- Radioactive substances — Safety regulations — United States.**  
Directory of certificates of compliance for radioactive materials packages., 85-13703
- Radioactive substances — United States — Packing.**  
Directory of certificates of compliance for radioactive materials packages., 85-13703
- Radioactive substances — United States — Transportation.**  
All about radioactive materials packages : a guide for supervisors at cargo terminals., 85-13637
- Radioactive waste disposal — Environmental aspects — Pennsylvania.**  
Programmatic environmental impact statement related to decontamination and disposal of radioactive wastes resulting from March 28, 1979 accident Three Mile Island Nuclear Station, Unit 2, docket no. 50-320 : final supplement dealing with occupational radiation dose, GPU Nuclear, Inc., 85-13704
- Radioactive waste disposal — Law and legislation — United States.**  
Importation of solid waste : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session on H.R. 5186 ..., June 25, 1984., 85-13833
- Radioactive waste disposal — United States — Safety measures.**  
Characterization of the low-level radioactive wastes and waste packages of the General Electric Vallecitos Nuclear Center : final report /, 85-13736
- Radioactive waste disposal in the ground — Illinois.**  
Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792
- Radioactive waste disposal in the ground — United States.**  
Organic complexant-enhanced mobility of toxic elements in low-level wastes : annual report /, 85-13743
- Progress in evaluation of radionuclide geochemical information developed by DOE high-level nuclear waste repository site projects /, 85-13734
- Radioactive waste disposal in the ground — United States — Handbooks, manuals, etc.**  
Handbook for disposal of radioactive waste in accordance with US Army guidelines., 85-12250

## Radiography.

### Radiography.

An X-ray screening protocol for extremity injuries /, 85-12692

### Radioisotopes — Environmental aspects — United States.

Background information document : (integrated risk assessment) : final rules for radionuclides., 85-12524

### Radioisotopes — Therapeutic use — Abstracts.

Selected abstracts on neutrons and charged particles in radiotherapy /, 85-12668

### Radiometer.

Thermoelectric temperature control system for the Pushbroom Microwave Radiometer (PBM), 85-13098

### Radiometersondes.

Thermoelectric temperature control system for the Pushbroom Microwave Radiometer (PBM), 85-13098

### Radiotherapy — Abstracts.

Selected abstracts on neutrons and charged particles in radiotherapy /, 85-12668

### Radium.

Borehole logging for radium-226 : recommended procedures and equipment /, 85-13726

### Railroads — Crossings.

Railroad/highway accident report : collision of Amtrak passenger train no. 301 on Illinois Central Gulf Railroad with Marquette Motor Service Terminals, Inc. delivery truck, Wilmington, Illinois, July 28, 1983 /, 85-13590

### Railroads — Illinois — Wilmington (Will County) — Accidents.

Railroad/highway accident report : collision of Amtrak passenger train no. 301 on Illinois Central Gulf Railroad with Marquette Motor Service Terminals, Inc. delivery truck, Wilmington, Illinois, July 28, 1983 /, 85-13590

### Railroads — Ties, Concrete — Evaluation.

Correlation of concrete tie track performance in revenue service and at the facility for accelerated service testing., 85-13604

### Railroads — Ties, Concrete — Testing.

Correlation of concrete tie track performance in revenue service and at the facility for accelerated service testing., 85-13604

### Railroads — United States — Accidents — Periodicals.

Summary of accidents investigated by the Federal Railroad Administration in the ... /, 85-13605

### Rain and rainfall — United States.

Laboratory measurements of parameters affecting wet deposition of methyl iodide /, 85-13745

### Raman spectroscopy.

In situ analysis of corrosive and passive surfaces by laser-excited Raman spectroscopy /, 85-12493

### Range management — California.

Rangeland program summary for Alturas and East Shasta planning areas., 85-12967

### Range plants — Oregon.

Fourwing saltbush establishment in the Keating Uniform Shrub Garden : first year results /, 85-11922

### Rats as laboratory animals.

Rat body size, composition and growth at hypo- and hypergravity, 85-13427

### Rawinsondes.

Kinematic analysis of Hurricane Frederick (1979) using satellite, aircraft and rawinsonde data, 85-13451

### Rayleigh waves.

Impact experiments in viscous fluid media, 85-13222

### Reactor fuel reprocessing — United States.

The Nuclear fuel cycle., 85-12413

### Reading — United States.

Heuristic methods for the mildly handicapped : research report and manual for teaching language arts and reading., 85-12456

Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452

### Reading — United States — Handbooks, manuals, etc.

Improving your navy reading skills /, 85-12345

### Reasoning in children.

In pursuit of wild geese : teaching creative thinking : Smithsonian approach /, 85-13544

### Recreation areas — Economic aspects — Vermont — Saint Albans Bay.

Recreation benefits from an improvement in water quality at St. Albans Bay, Vermont /, 85-11988

### Recycling (Waste, etc.) — Michigan — Macomb County.

Construction of a recycled portland cement concrete pavement /, 85-13598

### Recycling (Waste, etc.) — United States.

Internal control review report on the municipal wastewater treatment works construction grants program /, 85-12519

## Subject Index

### Reforestation — Montana.

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

### Reforestation — United States.

Amending the National Historic Preservation Act; miscellaneous conveyances; fee exemptions; and assistance to volunteer groups : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on H.R. 2889 ... H.R. 2982 ... S. 2692 ... H.R. 2838 ... June 28, 1984., 85-13820

Potential opportunities for reforestation of marginal croplands : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, special hearing., 85-13780

### Refrigeration and refrigerating machinery.

Qualification testing of solar photovoltaic powered refrigerator freezers for medical use in remote geographic locations, 85-13155

### Refrigeration and refrigerating machinery — United States — Statistics.

Summary of trade and tariff information : fan, blowers, compressors, air pumps and vacuum pumps, and air-conditioning and refrigeration machines : TSUS items 661.05-661.22, 661.35-661.37., 85-12979

### Refrigeration and refrigeration machinery — United States.

Solar photovoltaic powered refrigerators/freezers for medical use in remote geographic locations, 85-13159

### Refugees — United States.

Hearings on immigration reform and agricultural guestworkers : hearings before the Subcommittee on Labor Standards of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearings held in Washington, D.C., on April 11 and May 3, 1984., 85-13813

### Regional Emergency Animal Disease

#### Eradication Organization (U.S.)

Emergency programs : READEO : Regional Emergency Animal Disease Eradication Organization., 85-12005

### Remote sensing.

Aplicaciones de los sensores remotos a problemas hidrológicos e inundaciones, 85-13364

Investigation of forestry resources and other remote sensing data, 85-13419

**Remote sensing — Great Britain.**

LANDSAT 4 program, 85-13366

**Remote sensing — United States.**

An analysis of spectral discrimination between corn and soybeans using a row crop reflectance model, 85-13372

CCRS proposal for evaluating LANDSAT-4 MSS and TM data, 85-13422

Demonstration of angular anisotropy in the output of thematic mapper, 85-13421

Early warning and crop condition assessment, 85-13418

Evaluation of radiometric and geometric characteristics of LANDSAT-D imaging system, 85-13386

Evaluation of spatial, radiometric and spectral thematic mapper performance for coastal studies, 85-13420

Evaluation of thermal data for geologic applications, 85-13234

Fifth quarterly report on "Spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13437

Final technical report, 85-13387

Fourth quarterly report on "spectroradiometric calibration of the thematic mapper and multispectral scanner system", 85-13383

In-flight absolute radiometric calibration of the thematic mapper, 85-13382

Investigation of radiometric properties of the LANDSAT-4 multispectral scanner, 85-13376

LANDSAT-D thematic mapper image dimensionality reduction and geometric correction accuracy, 85-13374

LANDSAT 4 band 6 data evaluation, 85-13365, 85-13375

LANDSAT 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C), 85-13380

LANDSAT-4 thematic mapper modulation transfer function (MTF) evaluation, 85-13377

Lead salt diode lasers and development of tunable solid state lasers for remote sensing, 85-13356

Levantamento da frequência de cobertura de nuvens em dados do LANDSAT no período de 1973 a 1981, 85-13384

Microwave remote sensing of snow, 85-13373

Quarterly report, Landsat 4 investigations of thematic mapper and multispectral scanner applications (PCN902-91548, S-10757-C), 85-13370

A radiative transfer model for remote sensing of laser induced fluorescence of

phytoplankton in non-homogeneous turbid water, 85-13353

Spatial reasoning to determine stream network from LANDSAT imagery, 85-13405

Study of LANDSAT-D thematic mapper performance as applied to hydrocarbon exploration, 85-13367

The use of linear feature detection to investigate thematic mapper data performance and processing, 85-13381

A user's manual for the NASA/JPL synthetic aperture radar and the NASA/JPL L- and C-band scatterometers, 85-13232

**Renewable energy sources — United States.**

Renewable Energy Development Act of 1983 : report (to accompany H.R. 3169), 85-13670

**Reptiles — Bibliography — Catalogs.**

Mammals and reptiles., 85-12541

**Research — Spain.**

United States-Spain cooperative program in basic sciences., 85-13473

**Research — United States.**

United States-Spain cooperative program in basic sciences., 85-13473

**Research — United States — Abstracts — Periodicals.**

Abstracts of A.R.I. research publications, 85-12314

Abstracts of ARI research publications., 85-12314

**Research — United States — Equipment and supplies.**

Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report /, 85-13919

**Research — United States — Finance — Periodicals.**

Academic science/engineering. R & D funds., 85-13474

**Research, Industrial — Government policy — United States.**

Federal organization for technological innovation : hearings before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, June 7, 12, 13, 14, 1984., 85-13923

Oversight review of the five-year outlook report on science and technology : hearing before the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, January 24, 1984., 85-13925

**Restaurants, lunch rooms, etc. U.S.****Research and development contracts — United States.**

Magnetohydrodynamics and the National Coal Science, Technology, and Engineering Development Acts : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 1278 ... S. 1925 ... April 9, 1984., 85-13819

**Research and development contracts, Government — United States.**

Department of Energy research and development programs—fiscal year 1985 : hearings before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on the Department of Energy research and development programs, March 5, 12, 20, 22, April 5, and 24, 1984., 85-13818

**Research grants — United States — Handbooks, manuals, etc.**

NASA grant and cooperative agreement handbook instruction., 85-13130

**Research institutes — United States — Directories.**

Directory of multidisciplinary user facilities partially supported by the National Science Foundation., 85-13471

**Research institutes — United States — Management.**

The management of research institutions : a look at government laboratories /, 85-13135

**Reservoirs — Pennsylvania — Recreational use — Maps.**

Tioga-Hammond Lakes /, 85-12327

**Reservoirs — Utah.**

Reservoir management review : Utah projects office, 1983 /, 85-12900

**Residual stresses.**

Residual stresses in cross-ply composite tubes, 85-13252

**Restaurants, lunch rooms, etc. — United States.**

Meat, Poultry, and Egg Products Inspection Amendments of 1983; exempt restaurant central kitchens from federal inspection requirements; and USDA's five-point program of inspection in livestock and poultry slaughter plants : hearing before the Subcommittee on Livestock, Dairy, and Poultry of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 2691 and H.R. 5223, May 17, 1984., 85-13770

## Retail trade Colorado Statistics.

### Retail trade — Colorado — Statistics.

1982 census of retail trade. Major retail centers in standard metropolitan statistical areas. Colorado., 85-12051

### Retail trade — Ohio — Statistics.

1982 census of retail trade. Geographic area series. Ohio., 85-12048

### Retail trade — United States — Statistics.

1982 census of retail trade. Preliminary report. Industry series. Grocery stores (industry 5411), 85-12049

1982 census of retail trade. Preliminary report. Industry series. Mail order houses (industry 5961), 85-12050

### Retail trade — Utah — Statistics.

1982 census of retail trade. Major retail centers in standard metropolitan statistical areas. Utah., 85-12052

### Retirement income — United States.

Primary insurance amount for an average male worker /, 85-12645

### Reusable space vehicles.

Atmospheric environment for space shuttle (STS-13) launch, 85-13041

### Reusable space vehicles — Design and construction.

The ASTRO-1 preliminary design review coupled loads analysis, 85-13040

### Revegetation — Montana.

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

### Revegetation — Washington (State)

Landscape study and management alternatives for revegetation : Whitman Mission National Historic Site /, 85-12948

### Reye's syndrome.

Reye's syndrome., 85-12658

Sindrome de Reye., 85-12659

### Reynolds number.

The boundary layer on compressor cascade blades, 85-13244

High Reynolds number tests of a Boeing BAC I airfoil in the Langley 0.3-meter transonic cryogenic tunnel, 85-13034

Reynolds number effects on pressure loss and turbulence characteristics of four tube-bundle heat exchangers, 85-13093

### Rheumatism — Research — United States — Periodicals.

Arthritis, rheumatic diseases, and related disorders., 85-12672

NIADDK research advances, 85-12672

NIAMD research advances, 85-12672

### Rhode Island — Maps, Topographic.

7.5 minute series (topographic) : [Connecticut]. 41071-C8-TF-024, Mystic quadrangle, Connecticut - New York - Rhode Island /, 85-12859

### Rice — United States — Statistics — Periodicals.

Rice outlook & situation /, 85-11979

### Rice trade — Statistics — Periodicals.

Rice outlook & situation /, 85-11979

### Rice trade — United States.

Factors affecting supply, demand, and prices of U.S. rice /, 85-12000

Rice : background for 1985 farm legislation., 85-11863

### Ridgefield National Wildlife Refuge (Wash.)

Hunting : Ridgefield National Wildlife Refuge, Washington., 85-12956

### Rifles.

Basic rifle marksmanship trainer's guide., 85-12246

### Risk management — United States.

Port risk management guidebook: a risk management and insurance reference for U.S. ports /, 85-13642

### Rivers — Kentucky — Maps.

Planning work in a stream /, 85-12328

### Rivers — Tennessee — Maps.

Planning work in a stream /, 85-12328

### Rivers — United States.

Evaluation of environmental factors affecting yields of major dissolved ions of streams in the United States /, 85-12741

### Rivers — United States — Recreational use.

A recreation manager's guide to understanding river use and users /, 85-11945

### Road construction — Mississippi — Jackson County.

The use of fly ash in highway construction /, 85-13600

### Road construction — United States.

State laws and regulations governing settlement of highway construction contract claims and claim disputes., 85-13597

### Road construction industry — United States.

Review of the 10-percent set-aside program section 105 (f) of the Surface Transportation Assistance Act of 1982 : hearing before the Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, Washington, D.C., September 19, 1984., 85-13932

## Subject Index

### Roads — Finance — Law and legislation — United States.

Federal-Aid Highway Act of 1982 : report of the Committee on Environment and Public Works, United States Senate, together with additional views to accompany S. 2527., 85-13671

### Roads — Technological innovations.

A World of technology for sharing : America's international highway program., 85-13592

### Roads — United States — Interchanges and intersections — Mathematical models.

Transportation network analysis : intersection analysis, users' guide : a guide to the intersection analysis features of the UTPS program UROAD /, 85-13624

### Roads — United States — Maintenance and repair — Technological innovations.

Methods of effective transfer and implementation of highway maintenance technology., 85-13594

### Roads — United States — Shoulders — Maintenance and repair.

Pavement and shoulder maintenance performance guides., 85-13596

### Roads — United States — Statistics — Periodicals.

Highway statistics /, 85-13593

### Roads — Virginia — Finance.

An Act to Eliminate Restrictions with Respect to the Imposition and Collection of Tolls on the Richmond-Petersburg Turnpike Upon Repayment by the Commonwealth of Virginia of Certain Federal-Aid ..., 85-12629

### Robotics — United States.

Study of robotics systems applications to the space station program, 85-13295

### Rocket engines — Thrust.

Performance capabilities of the 12-centimeter xenon ion thruster, 85-13059

Water impact test of aft skirt end ring, and mid ring segments of the space shuttle solid rocket booster, 85-13167

### Rockets (Aeronautics) — Fuel.

Combustion characteristics in the transition region of liquid fuel sprays, 85-13430

### Rockets (Aeronautics) — Launching.

Effects of chemical releases by the STS-3 orbiter on the ionosphere, 85-13171

Pretest plan for a quarter scale aft segment of the SRB filament wound case in the NSWC Hydroballistics Facility, 85-13168

**Rockets (Aeronautics) — Launching — Handbooks, manuals, etc.**

Equipment improvement report and maintenance digest : Multiple Launch Rocket System, second quarter, CY 1984., 85-12294

**Rockets (Aeronautics) — Maintenance and repair — Handbooks, manuals, etc.**

Equipment improvement report and maintenance digest : Multiple Launch Rocket System, second quarter, CY 1984., 85-12294

**Rocks, Sedimentary — Arizona — Maps.**

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Arizona /, 85-12754

**Rocks, Sedimentary — California — Maps.**

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Southern California /, 85-12762

**Rocks, Sedimentary — Idaho — Maps.**

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Idaho /, 85-12768

**Rocks, Sedimentary — New Mexico — Maps.**

Map showing outcrops of thick, dominantly argillaceous sedimentary rocks, basin and range province, New Mexico /, 85-12773

**Rocks, Sedimentary — Utah — Maps.**

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Utah /, 85-12787

**Rocks, Siliceous — Maps.**

Map showing outcrops of granitic rocks and silicic shallow-intrusive rocks, basin and range province, New Mexico /, 85-12772

**Runaway children — Legal status, laws, etc. — United States.**

Title IV, Missing Children's Assistance Act : hearing before the Subcommittee on Human Resources of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4971 ... hearing held in Chicago, IL, on April 9, 1984., 85-13811

**Runoff — Colorado.**

Effects of land-use conversion on water runoff and soil erosion., 85-11967

**Runoff — Colorado — Denver.**

Analysis of urban storm-runoff data and the effects on the South Platte River,

Denver metropolitan area, Colorado /, 85-12791

**Runoff — South Platte River (Colo. and Neb.)**

Analysis of urban storm-runoff data and the effects on the South Platte River, Denver metropolitan area, Colorado /, 85-12791

**Rural development — United States.**

Nonmetropolitan fiscal indicators : a review of the literature /, 85-11983

**Rural families — Health and hygiene.**

An instructor resource guide for teaching a course in health promotion seminar /, 85-12447

**Rural poor — United States.**

In-kind benefits and the nonmetro poor /, 85-12001

**Rural youth — Education — China.**

Management and organizational technologies of Chinese rural youth programs : a scientific exchange of rural youth programs between the U.S.A. and the People's Republic of China., 85-11954

**Russell Lakes Waterfowl Management Area (Colo.)**

An Act to Amend Title I of the Reclamation Project Authorization Act of 1972 in Order to Provide for the Establishment of the Russell Lakes Waterfowl Management Area as a Replacement for the Authorized Mishak National Wildlife Refuge, and for Other Purposes., 85-12609

## S

**Saint Croix Island International Historic Site (Saint Croix, Me.)**

Redesignating Saint Croix National Monument, Maine : report (to accompany S.J. Res. 25)., 85-13664

**Saint Helens, Mount (Wash.) — Eruption, 1980.**

Eruptions of Mount St. Helens : past, present, and future /, 85-12735

**Sales, Conditional — United States.**

Imputed interest rules : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 3, 1984., 85-13837

**Saline water barriers — Colorado River Watershed (Colo.-Mexico)**

1984 evaluation of salinity control programs in the Colorado River basin /, 85-12902

**Saline waters — Colorado.**

Appraisal study of saline water use equipment for power plant cooling /, 85-12901

**Saltwater encroachment — Colorado River Watershed (Colo.-Mexico)**

1984 evaluation of salinity control programs in the Colorado River basin /, 85-12902

**Saltwater fishing — United States — Statistics — Periodicals.**

Marine recreational fishery statistics survey. Pacific coast., 85-12106, 85-12107

**San Joaquin Valley (Calif.)**

Water resources appraisal for hydroelectric licensing : middle San Joaquin Valley basin : Fresno, Madera, Mariposa, and Merced Counties, California., 85-12417

**San Juan River Watershed (Colo.-Utah)**

An Act Entitled "The San Juan Basin Wilderness Protection Act of 1984.", 85-12627

San Juan Basin Wilderness Protection Act of 1984, 85-12627

**Sand-dunes — Alaska — Koyukuk River Valley — Maps.**

Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyukuk lowland, Alaska, 85-12824

**Santa Barbara (Calif.) — Water-supply.**

Ground-water monitoring at Santa Barbara, California : phase 2-effects of pumping on water levels and on water quality in the Santa Barbara Ground-water basin /, 85-12738

**Saskatchewan — Maps, Topographic.**

7.5 minute series (topographic) : [North Dakota]. 48103-H5-TF-024, Colgan East quadrangle, North Dakota - Saskatchewan /, 85-12886

7.5 minute series (topographic) : [North Dakota]. 48103-H6-TF-024, Colgan West quadrangle, North Dakota - Saskatchewan /, 85-12887

**Saturn (Planet)**

Shock vaporization and the accretion of the icy satellites of Jupiter and Saturn, 85-13351

**Scales (Weighing instruments) — United States — Periodicals.**

Specifications, tolerances, and other technical requirements for weighing and measuring devices /, 85-12086

**Scandium — Maps.**

Map showing the distribution and abundance of scandium and yttrium in bed-

rock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12802

### Scattering (Physics)

A Monte Carlo comparison of the recovery of winds near upwind and downwind from the SASS-I model function by means of the sum of squares algorithm and a maximum likelihood estimator /, 85-13143

On the design of an optimal waveform to maximize scattering from a flat plate and a cone /, 85-12361

Preliminary study of (2-D) digital filtering for dealeasing NOSS wind direction data, 85-13207

### Scholarships — United States.

Army ROTC scholarships., 85-12302

### School buildings — United States —

#### Bibliography — Catalogs.

School administration, buildings and equipment., 85-12548

### School children.

Socialization into the student role : final report /, 85-12476

### School children — Food — United States —

Directories.  
Directory of cooperating agencies /, 85-12004

### School integration — United States.

School desegregation and black achievement., 85-12477

### School management and organization — United States.

Issue management by school superintendents : final report on grant no. G-80-0152 /, 85-12448

### School management and organization — United States — Bibliography — Catalogs.

School administration, buildings and equipment., 85-12548

### Science — Government policy — United States.

An Agenda for a study of government science policy : report /, 85-13920

### Science — Soviet Union.

Scientific and technical training in the Soviet Union, 85-13123

### Science — Study and teaching — United States.

Science and math education : hearing before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, U.S. House of Representatives, Ninety-eighth Congress, second session, February 10, 1984., 85-13924

Science — Study and teaching (Higher) — United States — Statistics — Periodicals.  
Academic science/engineering. R & D funds., 85-13474

### Science and state — United States.

An Agenda for a study of government science policy : report /, 85-13920

Oversight review of the five-year outlook report on science and technology : hearing before the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, January 24, 1984., 85-13925

### Science and state — United States —

#### Congresses.

Science, technology, and foreign affairs /, 85-13524

### Scientific apparatus and instruments.

Research in undergraduate institutions., 85-13472

### Scientific apparatus and instruments — United States.

Summary and analysis of hearing on "Improving the research infrastructure at U.S. universities and colleges" : report /, 85-13919

### Scientific expeditions — Antarctic regions — International cooperation.

Antarctica : hearing before the Subcommittee on Science, Technology, and Space of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on Antarctica, September 24, 1984., 85-13796

### Scientific libraries — United States —

#### Administration — Bibliography.

Scientific and technical libraries : administration and management /, 85-13026

### Scientific satellites.

Final technical report to National Aeronautics and Space Administration for contract #NAS5-24486, 85-13415

Orbiting dynamic compression laboratory, 85-13296

### Scientist: — Employment — United States — Statistics — Periodicals.

Science and engineering doctorates., 85-13475

### Scientists — United States — Statistics — Periodicals.

Science and engineering doctorates., 85-13475

### Scouts and scouting — United States.

Making good boys better : nonformal education in Boy Scouts /, 85-12464

### Sea ice — Weddell Sea.

Sea ice data buoys in the Weddell Sea /, 85-12323

### Sea-water — Composition.

Comparison of results of United States and Soviet dissolved oxygen measurements in water by the Winkler method /, 85-12098

### Securities — United States.

United States of America, treasury notes of August 15, 1987, series P-1987., 85-13554

United States of America, treasury notes of July 31, 1986, series W-1986., 85-13553

### Securities — United States — Periodicals.

Annual report, 85-13542

Annual report of the Securities and Exchange Commission for the fiscal year ended ..., 85-13542

### Security, International — Addresses, essays, lectures.

The Stockholm conference : a report on the first year : December 3, 1984., 85-13518

### Sediments (Geology) — Alaska — Glacier Bay — Maps.

Map of marine geology of Upper Muir and Wachusett Inlets, Glacier Bay, Alaska : sediment distribution and thickness, bathymetry, and interpreted seismic profiles, 85-12840

### Sediments (Geology) — Alaska — Koyukuk River Valley — Maps.

Photo-interpretation map of surficial deposits and landforms of the Nogahabara Sand Dunes and part of the Koyukuk lowland, Alaska, 85-12824

### Sediments (Geology) — Alaska — Maps.

Isopach map of Holocene sediment, Outer Continental Shelf between Yakutat Bay and Dry Bay, Eastern Gulf of Alaska, 85-12805

### Sediments (Geology) — United States.

Feasibility study to conduct windblown sediment experiments aboard a space station, 85-13454

### Seeds — Montana — Viability.

Viability of seed produced on highly sodic coal mine spoils /, 85-11914

### Seismic prospecting — United States — Computer programs.

Coal-seismic, desktop computer programs in BASIC, 85-12836

### Seismological stations — Northeastern States.

Earthquake hazard studies in New York State and adjacent areas /, 85-13721

### Seismology — California.

The upper mantle beneath the Cascade Range, 85-13450

**Seismology — Research — Northeastern States.**

Earthquake hazard studies in New York State and adjacent areas /, 85-13721

**Semiconductors.**

Flat-plate solar array project, 85-13347

**Sentences (Criminal procedure) — United States.**

Determinate sentencing and the correctional process : a study of the implementation and impact of sentencing reform in three states /, 85-13003

**Separation (Technology)**

A review of supercritical fluid extraction /, 85-12087

**Sequential machine theory — Handbooks, manuals, etc.**

Digital techniques : module 10005., 85-12378

**Service industries — Arizona — Statistics.**

1982 census of service industries. Geographic area series. Arizona., 85-12075

**Service industries — Arkansas — Statistics.**

1982 census of service industries. Geographic area series. Arkansas., 85-12076

**Service industries — Florida — Statistics.**

1982 census of service industries. Geographic area series. Florida., 85-12077

**Service industries — Louisiana — Statistics.**

1982 census of service industries. Geographic area series. Louisiana., 85-12078

**Service industries — Massachusetts — Statistics.**

1982 census of service industries. Geographic area series. Massachusetts., 85-12079

**Service industries — Mississippi — Statistics.**

1982 census of service industries. Geographic area series. Mississippi., 85-12080

**Service industries — Nebraska — Statistics.**

1982 census of service industries. Geographic area series. Nebraska., 85-12081

**Service industries — North Dakota — Statistics.**

1982 census of service industries. Geographic area series. North Dakota., 85-12082

**Service industries — Oklahoma — Statistics.**

1982 census of service industries. Geographic area series. Oklahoma., 85-12083

**Service industries — Texas — Statistics.**

1982 census of service industries. Geographic area series. Texas., 85-12084

**Service industries — United States.**

Current trends in the financial services industry and their impact on small business financing : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, D.C., September 6, 1984., 85-13929

Renewable Energy Development Act of 1983 : report (to accompany H.R. 3169)., 85-13670

**Severance tax — United States.**

State severance taxes : hearing before the Subcommittee on Energy and Agricultural Taxation of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 463, July 24, 1984., 85-13839

**Sewage — Purification.**

Toxicity treatability of iron and steel plant wastewaters : a resource document /, 85-12495

Value engineering for wastewater treatment works /, 85-12520

**Sewage disposal.**

Water purification, distribution and sewage disposal for Peace Corps volunteers /, 85-13485

**Sewage disposal in rivers, lakes, etc. —**

Environmental aspects — United States.

Environmental assessment and overview of biotechnology process applications /, 85-12511

**Sewage disposal plants — United States — Equipment and supplies.**

Design information on rotating biological contactors /, 85-12490

**Sewage sludge — Environmental aspects — United States.**

Effects of sewage sludge on corn silage and animal products /, 85-12488

**Sex crimes — Investigation — Government policy — United States.**

Federal assistance to states to prevent the abuse of children in child care facilities : hearings before the Subcommittee on Juvenile Justice of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S. 521 ... S. 1924 ... April 11 and September 18, 1984., 85-13897

**Sex crimes — United States.**

How to protect yourself against sexual assault., 85-13000

**Sex instruction for youth — Government policy — United States.**

Reauthorization of the Adolescent Family Life Demonstration Projects Act of 1981 : hearings before the Subcommittee on Family and Human Services of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... April 24 and 26, 1984., 85-13905

**Shafting — Fatigue.**

Factors that affect the fatigue strength of power transmission shafting and their impact on design, 85-13048

**Shale oils — Refining — Congresses.**

Assessment of alternative aircraft fuels : proceedings of a conference held at NASA Lewis Research Center, Cleveland, Ohio, November 2-3, 1983., 85-13456

**Shear (Mechanics).**

Deformation measurements of composite multi-span beam shear specimens by moiré interferometry /, 85-13145

Racking performance of light-frame walls sheathed on two sides /, 85-11892

**Shee Atika, Inc.**

Shee Atika, Inc. : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-eighth Congress, first session, on an inquiry into the affairs of Shee Atika, Inc., November 2 and 3, 1983, Washington, DC., 85-13880

**Shells (Engineering) — Mathematical models.**

Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires /, 85-13462

**Shielding (Electricity)**

Galactic heavy-ion shielding using electrostatic fields /, 85-13127

**Ship-building — Law and legislation — United States.**

Maritime redevelopment : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on Maritime policy and regional economic development—Part 2, January 18, 1984, New Orleans, LA; ... April 30, 1984, New York, NY; Maritime Redevelopment Bank Act (H.R. 3399), June 20 and August 8, 1984, Washington, DC, November 9, 1984, Oakland CA., 85-13909

## Ship registers U.S. Periodicals.

### Ship registers — United States — Periodicals.

Vessel inventory report /, 85-13643

### Shipping — Antilles — Statistics — Periodicals.

Waterborne commerce of the United States. Part 2, Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles /, 85-12319

Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles, 85-12319

### Shipping — Atlantic Coast (U.S.) — Statistics — Periodicals.

Waterborne commerce of the United States. Part 1, Waterways and harbors, Atlantic Coast /, 85-12318

Waterways and harbors, Atlantic Coast, 85-12318

### Shipping — Gulf Coast (U.S.) — Statistics — Periodicals.

Waterborne commerce of the United States. Part 2, Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles /, 85-12319

Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles, 85-12319

### Shipping — Mississippi River Watershed — Statistics — Periodicals.

Waterborne commerce of the United States. Part 2, Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles /, 85-12319

Waterways and harbors, Gulf Coast, Mississippi River system, and Antilles, 85-12319

### Shipping — United States.

Maritime redevelopment : hearings before the Subcommittee on Merchant Marine of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on Maritime policy and regional economic development—Part 2, January 18, 1984, New Orleans, LA; ... April 30, 1984, New York, NY; Maritime Redevelopment Bank Act (H.R. 3399), June 20 and August 8, 1984, Washington, DC, November 9, 1984, Oakland CA., 85-13909

### Shipping bounties and subsidies — United States — Periodicals.

Decisions of the Maritime Subsidy Board, Maritime Administration, Department of Commerce., 85-12094

Maritime Subsidy Board, Maritime Administration, Department of Commerce reports, 85-12094

### Ships — Maintenance and repair — Handbooks, manuals, etc.

Personnel qualification standard for ships' maintenance and material management (3-M) systems., 85-12350

### Ships — Safety regulations — United States. Marine Sanctuaries Amendments of 1984., 85-12580

### Ships — United States.

Offshore installations emergency evacuation : hearing before the Subcommittee on Panama Canal/Outer Continental Shelf of the Committee on Merchant Marine and Fisheries, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6291 ... October 4, 1984., 85-13910

### Ships — United States — Maintenance and repair — Periodicals.

Report on survey of U.S. shipbuilding and repair facilities /, 85-13644

### Shipyards — United States — Periodicals.

Report on survey of U.S. shipbuilding and repair facilities /, 85-13644

### Shock waves.

Shock vaporization and the accretion of the icy satellites of Jupiter and Saturn, 85-13351

### Shock waves — Mathematical models.

Acoustic shocks in a variable area duct containing near sonic flows, 85-13191

### Shooting, Military.

Basic rifle marksmanship trainer's guide., 85-12246

### Shrubs — Oregon.

Fourwing saltbush establishment in the Keating Uniform Shrub Garden : first year results /, 85-11922

### Sidra, Gulf of (Libya) — Navigation.

Mediterranean Sea, Libya-Gulf of Sidra, Ra's AlUwayja' to Ra's Tawinis /, 85-12193

### Sierra Club.

Shee Atika, Inc. : hearing before the Select Committee on Indian Affairs, United States Senate, Ninety-eighth Congress, first session, on an inquiry into the affairs of Shee Atika, Inc., November 2 and 3, 1983, Washington, DC., 85-13880

### Signal generators — Calibration.

Calibration procedure for calibration fixture, Hewlett-Packard model 11715A., 85-12278

Calibration procedure for signal generator, AN/URM-52( ), TS-621( ), and Hewlett-Packard models 618B and 618C., 85-12288

## Subject Index

### Signal processing.

An evaluation of the directed flow graph methodology, 85-13269

### Signal processing — Digital techniques — Handbooks, manuals, etc.

Digital techniques : module 10005., 85-12378

### Silicon.

Flat-plate solar array project, 85-13347

Preliminary study of a radiantly heated fluidized bed for the production of high-purity silicon, 85-13343

### Silicon carbide.

The impact resistance of SiC and other mechanical properties of SiC and Si<sub>3</sub>N<sub>4</sub>, 85-13146

### Silicon compounds.

The impact resistance of SiC and other mechanical properties of SiC and Si<sub>3</sub>N<sub>4</sub>, 85-13146

### Silicon crystals.

Process research in polycrystalline silicon material (PROPSM), 85-13340

Process research on polycrystalline silicon material (PROPSM), 85-13339

### Silicon crystals — Electric properties

A review of the silicon material task, 85-13331

### Silver — Maps.

Map showing the distribution and abundance of gold and silver in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12795

### Simmons, Joseph Jacob, 1925-

Nominations—ICC : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on J.J. Simmons III, Paul H. Lamboley, and Andrew John Strenio, Jr., to be commissioners, Interstate Commerce Commission, August 6, 1984., 85-13800

### Sisseton Indian Reservation.

An Act Pertaining to the Inheritance of Trust or Restricted Land on the Lake Traverse Indian Reservation, North Dakota and South Dakota, and for Other Purposes., 85-12592

### Site index (Forestry) — Pennsylvania.

Black cherry site index curves for the Allegheny Plateau /, 85-11900

### Sitka National Historical Park (Sitka, Alaska) — Appropriations and expenditures.

An Act to Amend the Act of October 18, 1972, to Authorize Additional Authorization of Appropriations for Sitka Na-

tional Historical Park, Alaska., 85-12584

**Small business — Law and legislation — United States.**

Small Business and Federal Procurement Competition Enhancement Act of 1984., 85-12613

**Small business — Law and legislation — United States — Congresses.**

Ideas in action—the states and small business: the sixth National Conference for State and Local Officials on Small Business, December 5-7, 1984, San Diego, California., 85-13541

**Small business — Taxation — United States.**

Small business tax workshop : workbook., 85-13579

**Small business — United States.**

Export opportunities : an untapped resource for small business : hearing before the Subcommittee on Export Opportunities and Special Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Dallas TX, July 10, 1984., 85-13928

Future of independent marketers in the post-merger petroleum marketplace : joint hearing before the Subcommittee on Energy, Environment, and Safety Issues Affecting Small Business and the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, April 11, 1984., 85-13931

Review of the 10-percent set-aside program section 105 (f) of the Surface Transportation Assistance Act of 1982 : hearing before the Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, Washington, D.C., September 19, 1984., 85-13932

S. 2489, the Small Business Competition Enhancement Act of 1984 and S. 2434, a bill to amend section 15 of the Small Business Act by requiring the assignment of breakout procurement center representatives : hearings before the Committee on Small Business, United States Senate, Ninety-eighth Congress, second session ... April 6 and 12, 1984., 85-13933

Small business tax workshop : workbook., 85-13579

**Small business — United States — Bibliography — Catalogs.**

Catalog of completed research studies., 85-13539

**Small business — United States — Congresses.**

Ideas in action : the states and small business, San Diego, California, December 5-7, 1984, Office of Advocacy's Sixth National Conference for State and Local Officials and Small Business Initiatives., 85-13540

**Small business — United States — Finance.**

Current trends in the financial services industry and their impact on small business financing : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, D.C., September 6, 1984., 85-13929

**Small business — United States — Periodicals.**

Summary of activities : a report of the Committee on Small Business, House of Representatives, Congress, together with additional views., 85-13687

**Small business — United States — States — Congresses.**

Ideas in action—the states and small business : the sixth National Conference for State and Local Officials on Small Business, December 5-7, 1984, San Diego, California., 85-13541

**Small business — United States — States — Directories.**

The small business answer desk directory., 85-13537

**Small claims courts — United States.**

Highlights from the Issues and practices report on the use of mediation and arbitration in small claims disputes., 85-13005

**Smithsonian Institution. Board of Regents — Appointments, promotions, salaries, etc.**

Joint Resolution Providing for the Reappointment of A. Leon Higginbotham, Junior, as a Citizen Regent of the Smithsonian Institution., 85-12600

**Smithsonian Institution — Buildings.**

An Act to Authorize the Administrator of General Services to Transfer to the Smithsonian Institution Without Reimbursement the General Post Office Building and the Site Thereof Located in the District of Columbia, and for Other Purposes., 85-12595

**Snow — Snow electric properties.**

Microwave remote sensing of snow., 85-13373

**Social security — Norway.**

International agreement on Social Security between the United States and Norway., 85-12639

**Social security — United States.**

Improvements in the Social Security disability program., 85-12641

International agreement on Social Security between the United States and Norway., 85-12639

Public affairs information package, Spanish version., 85-12642

Taxation of social security benefits : desk guide., 85-12644

Your social security rights and responsibilities : retirement and survivors benefits., 85-12643

**Social security taxes — United States.**

Social security taxation : impacts on farm operations and proposals for tax reform /, 85-11999

Taxation of social security benefits : desk guide., 85-12644

**Social surveys — United States — Addresses, essays, lectures.**

The National crime survey : working papers /, 85-13006

**Socialization.**

Socialization into the student role : final report /, 85-12476

**Sodium.**

Development of new intercalated cathode materials for use in sodium batteries., 85-13205

**Soil conservation — Georgia.**

Land management programs for agriculture in southwest Georgia /, 85-11996

**Soil conservation — Ohio.**

Hocking Soil and Water Conservation District resources inventory., 85-11956

**Soil conservation — Southern States — Costs.**

Use and cost of soil conservation and water quality practices in the Southeast /, 85-11984

**Soil erosion — Colorado.**

Effects of land-use conversion on water runoff and soil erosion., 85-11967

**Soil moisture.**

Use of microwave oven in geotechnical applications : progress report no. 1 /, 85-12905

**Soil moisture — Nebraska.**

Hydrologic characteristics of Nebraska soils /, 85-12739

## Soil permeability Nebraska.

### Soil permeability — Nebraska.

Hydrologic characteristics of Nebraska soils /, 85-12739

### Soil permeability — United States.

Organic complexant-enhanced mobility of toxic elements in low-level wastes : annual report /, 85-13743

### Soil pollution.

Soil sampling quality assurance user's guide /, 85-12501

### Soil stabilization.

U.S./U.S.S.R. joint studies on plastic films and soil stabilizers., 85-12899

### Soil-surveys — United States —

#### Bibliography — Periodicals.

List of published soil surveys., 85-11961

### Soil temperature — Florida.

Use of thermal inertia determined by HCMM to predict nocturnal cold prone areas in Florida, 85-13369

### Soils — Florida — Manatee County — Maps.

Soil survey of Manatee County, Florida /, 85-11962

### Soils — Kentucky — Boone County —

#### Leaching.

Comparison of leachate characteristics from selected municipal solid waste test cells /, 85-12492

### Soils — Nebraska.

Hydrologic characteristics of Nebraska soils /, 85-12739

### Soils — Ohio — Fulton County — Maps.

Soil survey of Fulton County, Ohio /, 85-11958

### Soils — Oklahoma — Harmon County — Maps.

Soil survey of Harmon County, Oklahoma /, 85-11960

### Soils — South Dakota — Gregory County — Maps.

Soil survey of Gregory County, South Dakota /, 85-11959

### Soils — Testing.

Soil sampling quality assurance user's guide /, 85-12501

### Soils — United States — Analysis.

Procedures for collecting soil samples and methods of analysis for soil survey., 85-11963

### Soils — United States — Maps —

#### Bibliography — Periodicals.

List of published soil surveys., 85-11961

### Soils — United States — Sampling.

Procedures for collecting soil samples and methods of analysis for soil survey., 85-11963

### Soils and climate — United States.

Land-surface influences on weather and climate, 85-13271

### Solar batteries.

Investigation of test methods, material properties, and processes for solar cell encapsulants, 85-13336, 85-13341

Process research in polycrystalline silicon material (PROPSM), 85-13340

Process research on polycrystalline silicon material (PROPSM), 85-13339

A review of the silicon material task, 85-13331

Safety-related requirements for photovoltaic modules and arrays, 85-13335

### Solar batteries — Congresses.

Proceedings of the Flat-Plate Solar Array Project Research Forum on the High-Speed Growth and Characterization of Crystals for Solar Cells (July 25, 26 and 27, 1983, at Port St. Lucie, Florida), 85-13334

### Solar cells.

Carbon, oxygen and their interaction with intrinsic point defects in solar silicon ribbon material, 85-13342

Characteristics of arc currents on a negatively biased solar cell array in a plasma, 85-13082

Development of an all-metal thick film cost effective metallization system for solar cells, 85-13345

Laser-assisted solar cell metallization processing, 85-13348, 85-13349

Surface and allied studies in silicon solar cells, 85-13346

### Solar collectors.

Second-law efficiency of solar-thermal cavity receivers, 85-13320

Solar parabolic dish technology annual evaluation report, 85-13314

### Solar collectors — Computer programs.

CONC/11, a computer program for calculating the performance of dish-type solar thermal collectors and power systems, 85-13323

### Solar energy — United States.

Solar parabolic dish annual technology evaluation report, fiscal year 1982, 85-13229

Solar thermal technology, 85-13219

Structural sizing of a solar powered aircraft, 85-13198

### Solar energy — United States — Congresses.

Proceedings, Fifth Parabolic Dish Solar Thermal Power Program Annual Review, 85-13333

### Solar flares.

High resolution hard x-ray spectra of solar and cosmic sources, 85-13266

High resolution X- and gamma-ray spectroscopy of solar flares, 85-13210

The impulsive hard x-rays from solar flares, 85-13452

### Solar magnetic field.

A preliminary investigation into using the sun as a source for G/T measurements /, 85-12090

### Solar power plants — United States.

The current state and future prospects of the U.S. photovoltaics industry : hearings before the Subcommittee on Energy Development and Applications of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, September 11, 19, 1984., 85-13926

The kinematic stirling engine as an energy conversion subsystem for paraboloidal dish solar thermal power plants, 85-13313

### Solar radiation — United States —

#### Mathematical models.

Local effects of partly-cloudy skies on solar and emitted radiations, 85-13218

### Solar water heaters.

Flat-plate solar array project, 85-13347

### Soldiers — Education, Non-military —

#### United States — Congresses.

Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 /, 85-12451

### Soldiers — Training of — United States —

#### Handbooks, manuals, etc.

Hip pocket lesson plans., 85-12234

### Soldiers' homes — United States.

Veterans' Health Care Act of 1984., 85-12597

### Solid-state lasers.

Lead salt diode lasers and development of tunable solid state lasers for remote sensing, 85-13356

### Sorghum industry — United States.

Sorghum : background for 1985 farm legislation., 85-11868

### Sound pressure — Mathematical models.

Acoustic shocks in a variable area duct containing near sonic flows, 85-13191

### South Africa — Foreign relations — United States.

South Africa legislation : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on

Africa, House of Representatives, Ninety-eighth Congress, second session, April 10; August 1; September 6, 1984, on H. Res. 430, H. Con. Res. 122, H. Con. Res. 42., 85-13855

U.S. policy on South Africa : hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13861

#### South Africa — Race relations.

South Africa legislation : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on Africa, House of Representatives, Ninety-eighth Congress, second session, April 10; August 1; September 6, 1984, on H. Res. 430, H. Con. Res. 122, H. Con. Res. 42., 85-13855

#### South Atlantic States — Manufactures — Statistics.

1982 census of manufactures. Preliminary report. Geographic area series. South Atlantic States (Delaware, District of Columbia, Florida, Georgia, Maryland, North Carolina, South Carolina, Virginia, West Virginia), 85-12021

#### South Carolina — Columbia — Public buildings.

An Act to Amend the Act Authorizing the Establishment of the Congaree Swamp National Monument to Provide That at Such Time as the Principal Visitor Center Is Established, Such Center Shall Be Designated as the "Harry R.E. Hampton Visitor Center," and for Other Purposes., 85-12586

#### South China Sea — Navigation.

Heng Jiao (Livock Reef) to Haima Tan (Rough Shoal) (Seahorse Shoal) /, 85-12211

Indonesia, South China Sea, Yongshu Jiao to Yongdeng Ansha /, 85-12210

Indonesia, Sumatera-east coast, Selat Bangka and Selat Gelasa /, 85-12202

South China Sea, Yongshu Jiao to P'olang Chiao /, 85-12212

Sumatera-east coast with offlying islands, Singapore Strait to Selat Bangka /, 85-12203

#### South Pacific Ocean — Navigation.

South Pacific Ocean, Papua New Guinea and Solomon Islands, Solomon Islands /, 85-12209

#### South Pacific Ocean Coast (New Zealand) — Navigation.

New Zealand, North Island-east and west coasts, Manukau Harbor to Maunganui Bluff and Tutukaka Harbor to Mayor Island /, 85-12207

New Zealand, North Island-North Coast, Cape Maria Van Diemen to Tutukaka

Harbor including Three Kings Islands /, 85-12206

New Zealand, North Island-West Coast, Cape Egmont to Manukau Harbour /, 85-12208

#### Southwest Fisheries Center — Periodicals.

Collected reprints /, 85-12109

#### Soviet Union — Foreign relations — United States.

Salt II violations : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session : special hearing, Department of Defense, nondepartmental witnesses., 85-13775

#### Soviet Union — Foreign relations — United States — Addresses, essays, lectures.

Geneva and beyond : new arms control negotiations : January 14, 1984., 85-13522

The Stockholm conference : a report on the first year : December 3, 1984., 85-13518

#### Soybean — Brazil.

The Brazilian soybean industry : economic structure and policy interventions /, 85-11980

#### Soybean — United States.

Final technical report, 85-13387

#### Soybean industry — Brazil.

The Brazilian soybean industry : economic structure and policy interventions /, 85-11980

#### Soybean industry — United States.

Soybeans : background for 1985 farm legislation., 85-11865

#### Space biology.

Development of limb volume measuring system, 85-13177

A study of stress-free living bone and its application to space flight, 85-13176

#### Space environment.

Research on the use of space resources, 85-13236

#### Space flight.

Interplanetary mission design handbook, 85-13324

#### Space flight — Data processing.

NEMAR plotting computer program, 85-13147

PDSS/IMC qualification test software acceptance procedures, 85-13166

PDSS/IMC qualification test, user's manual, 85-13165

#### Space flight — Physiological effect.

Student workbook : human requirements of flight /, 85-12380

#### Space flight — Testing.

Pretest plan for a quarter scale aft segment of the SRB filament wound case in the NSWC Hydroballistics Facility, 85-13168

#### Space flight training.

Student workbook : human requirements of flight /, 85-12380

#### Space frame structures.

Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300

#### Space law — Periodicals.

Aeronautics and space, 85-12561, 85-12562

CFR. 14, Aeronautics and space, 85-12561, 85-12562

Code of federal regulations. 14, Aeronautics and space., 85-12561, 85-12562

#### Space medicine.

A durability study of pericardial bioprostheses, 85-13238

#### Space plasmas.

Theoretical studies of x-ray emission from supernova remnants and other non-equilibrium astrophysical plasmas, 85-13428

#### Space sciences — Research — United States.

Space Processing Applications Rocket project, 85-13035

#### Space sciences — United States.

Nonaerospace uses of JPL technology, 85-13203

#### Space sciences — United States — Bibliography.

A bibliography of planetary geology principal investigators and their associates, 1982-1983, 85-13122

#### Space ships — Shielding (Radiation) —

Addresses, essays, lectures.

A study of physical processes for space radiation protection, 85-13213

#### Space shuttles.

Bearing tester data compilation, analysis, and reporting and bearing math modeling, 85-13175

Field-aligned electron density irregularities near 500 KM - equator to polar cap topside sounder Z mode observations, 85-13118

Microgravity : a new tool for basic and applied research in space /, 85-13132

STS-8 BET results, 85-13183

Thermal response of space shuttle wing during reentry heating, 85-13106

## Space stations.

### Space stations.

Computer generated animation and movie production at LARC, 85-13202

The Dynamics and control of large flexible space structures-VI, 85-13363

Feasibility study to conduct windblown sediment experiments aboard a space station, 85-13454

NASA space station needs, attributes, and architectural options, 85-13290

Observations of the earth's magnetic field from the space station, 85-13120

Space station : the next logical step /, 85-13032

Space station needs, attributes and architectural option, 85-13289

Space station needs attributes and architectural options, 85-13248, 85-13291, 85-13292, 85-13293, 85-13298, 85-13301, 85-13303, 85-13305, 85-13306

Space station needs, attributes, and architectural options study, 85-13294

Space station propulsion analysis study, 85-13073

Study of robotics systems applications to the space station program, 85-13295

A Study of space station needs, attributes & architectural options, 85-13297, 85-13304, 85-13352

**Space stations — Attitude control systems.**  
Modular design attitude control system, 85-13432

**Space stations — Design and construction.**  
The construction of a highly transportable laser ranging station, 85-13434

Space station needs, attributes and architectural options study, 85-13302, 85-13309

**Space stations — Finance.**  
Alternative strategies for space station financing, 85-13443

Space station, 85-13308

**Space stations — Industrial applications.**  
Manufacturing in space : fluid dynamics numerical analysis, 85-13435

Materials Processing in Space Workshop minutes, October 27-28, 1982, 85-13246

**Space trajectories.**  
STS-8 BET results, 85-13183

**Space vehicles.**  
Investigation of fast initialization of spacecraft bubble memory systems, 85-13103

Manned geosynchronous mission requirements and systems analysis study extension, 85-13253

**Space vehicles — Atmospheric entry.**  
Thermal response of space shuttle wing during reentry heating, 85-13106

**Space vehicles — Control systems.**  
Experiments in control of flexible structures with noncollocated sensors and actuators, 85-13423

Optimal cooperative control synthesis applied to a control-configured aircraft, 85-13162

Reliability issues in active control of large flexible space structures, 85-13417

**Space vehicles — Control systems — Mathematical models.**  
The Dynamics and control of large flexible space structures-VI, 85-13363

**Space vehicles — Electrostatic charging.**  
Galactic heavy-ion shielding using electrostatic fields /, 85-13127

**Space vehicles — Landing.**  
STS-8 BET results, 85-13183

**Space vehicles — Materials.**  
Annual report to National Aeronautics and Space Administration for characterization of physio-chemical properties of polymeric and electrochemical materials for aerospace flight, 85-13438

**Space vehicles — Materials — Research — United States.**  
Space Processing Applications Rocket project, 85-13035

**Space vehicles — Propulsion systems.**  
Basic and applied research related to the technology of space energy conversion systems, 1982-1983, 85-13260

Bearing tester data compilation, analysis, and reporting and bearing math modeling, 85-13175

Propulsion issues for advanced orbit transfer vehicles, 85-13049

Space station propulsion analysis study, 85-13073

**Space vehicles — Thermodynamics.**  
Numeric and fluid dynamic representation of tornadic double vortex thunderstorms, 85-13164

Thermal response of space shuttle wing during reentry heating, 85-13106

**Spanish moss — Composition — Statistical methods.**  
Factor analysis of the chemistry of Spanish moss /, 85-12743

**Spanish moss — Southern States — Ecology — Statistical methods.**  
Factor analysis of the chemistry of Spanish moss /, 85-12743

## Subject Index

### Special funds — United States.

Superfund Expansion and Protection Act of 1984 : hearing before the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5640 ... July 25, 1984., 85-13941

### Spectrum, Infra-red.

The Infrared spectral analysis of  $CF_2Cl_2$ , 85-13224

### Spectrum analysis.

The Infrared spectral analysis of  $CF_2Cl_2$ , 85-13224

### Speed — Measurement.

Three component velocity measurements using Fabry-Perot interferometer, 85-13064

### Splines.

Two-dimensional splines, 85-13360

### Sports and state — United States.

Professional Sports Team Community Protection Act : hearing before the Subcommittee on Commerce, Transportation, and Tourism of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5388 and H.R. 5430 ... June 21, 1984., 85-13829

### Spruce budworm — Control — Canada — Congresses.

Proceedings : new and improved techniques for monitoring and evaluating spruce budworm populations : September 13-15, 1983, Holiday Inn, Burlington, VT /, 85-11938

### Spruce budworm — Control — Vermont — Congresses.

Proceedings : new and improved techniques for monitoring and evaluating spruce budworm populations : September 13-15, 1983, Holiday Inn, Burlington, VT /, 85-11938

### Spruce budworm — North America.

Spruce budworms situation in North America, 1982., 85-11856

### Stability.

Regions of attraction and ultimate boundedness for linear quadratic regulators with nonlinearities /, 85-13461

### Star trackers.

Pattern recognition for space applications center director's discretionary fund, 85-13039

### Stars — Observations.

The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445

### Stars — Temperature.

The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445

**State Justice Institute (U.S.)**

State Justice Institute Act of 1984 : report (to accompany S. 384), 85-13669

**Statistics.**

Statistical correlation of structural mode shapes from test measurements and NASTRAN analytical values, 85-13114

**Statistics — Study and teaching — United States.**

Statistical training programs, 1985-1986, 85-12019

**Steel, Stainless — Welding.**

Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay / , 85-13739

**Steel industry and trade — United States.**

Toxicity treatability of iron and steel plant wastewaters : a resource document / , 85-12495

U.S. steel industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 8, 1984., 85-13841

**Steel industry and trade — United States — Statistics — Periodicals.**

Current industrial reports. MA-33B, Steel mill products / , 85-12040

Steel mill products, 85-12040

**Stirling engines — Testing.**

Creep-rupture behavior of candidate Stirling engine alloys after long-term aging at 760°C in low-pressure hydrogen, 85-13061

**Stock-exchange — United States — Periodicals.**

Annual report, 85-13542

Annual report of the Securities and Exchange Commission for the fiscal year ended ..., 85-13542

**Stocks (Geology) — Arizona.**

The Schultze Granite, the Tea Cup Granodiorite, and the Granite Basin Porphyry : a geochemical comparison of mineralized and unmineralized stocks in southern Arizona / , 85-12746

**Storage and moving trade — United States.**

Oversight of the Household Goods Transportation Act of 1980 and the Bus Regulatory Reform Act of 1982 : hearing before the Subcommittee on Surface Transportation of the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session ... September 25, 1984., 85-13794

**Stoves, Wood — Environmental aspects — Tennessee River Region.**

Residential wood heater report, phase II (1981-1983) / , 85-13763

**Stoves, Wood — Environmental aspects — United States.**

Control of wood stove emissions using improved secondary combustion / , 85-12505

Study of the effectiveness of a catalytic combustion device on a wood burning appliance / , 85-12504

**Stoves, Wood — Safety measures.**

Coal and wood burning heating stoves., 85-13696

**Strains and stresses.**

Reliability considerations for the total strain range version of strainrange partitioning / , 85-13404

Spartan release engagement mechanism (REM) stress and fracture analysis, 85-13354

**Strategic Arms Limitation Talks II.**

Salt II violations : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session : special hearing, Department of Defense, nondepartmental witnesses., 85-13775

**Strategic forces — United States.**

Review of United States strategic forces : communication from the President of the United States transmitting a detailed technical assessment review of U.S. strategic forces, pursuant to subsection 7 of Title V, Public Law 97-377., 85-13673

**Strategic materials — Government policy — United States.**

Strategic materials : technologies to reduce U.S. import vulnerability., 85-13756

**Strategy.**

The Art and practice of military strategy / , 85-12221

**Strategy — Addresses, essays, lectures.**

Essays on strategy : selections from the 1983 Joint Chiefs of Staff essay competition., 85-12222

**Stratosphere.**

Middle Atmosphere Program : handbook for MAP., 85-13131

**Stream conservation — Maps.**

Planning work in a stream / , 85-12328

**Stream measurements — Uinta Basin (Utah and Colo.)**

Quantity and quality of streamflow in the southeastern Uinta Basin, Utah and Colorado / , 85-12740

**Stream measurements — Utah — Farmington Creek.**

Streamflow summaries from twelve tributaries of Farmington Creek, Davis County Experimental Watershed, northern Utah / , 85-11937

**Stream measurements — Utah — Farmington Creek (Utah)**

Streamflow summaries from twelve tributaries of Farmington Creek, Davis County Experimental Watershed, northern Utah / , 85-11937

**Strength of materials — Testing.**

Influence of soft inclusions on the strength of wrought materials, 85-13277

Temperature dependence of elastic and strength properties of T300/5208 graphite-epoxy, 85-13280

Tensile fracture of ductile materials, 85-13276

**Strenio, Andrew J.**

Nominations—ICC : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on J.J. Simmons III, Paul H. Lamboley, and Andrew John Strenio, Jr., to be commissioners, Interstate Commerce Commission, August 6, 1984., 85-13800

**Strip mining — Illinois — Randolph County.**

Hydrology of a surface coal mined area in Randolph County, Illinois / , 85-12793

**Striped bass.**

An Act to Provide for the Conservation and Management of Atlantic Striped Bass, and for Other Purposes., 85-12632

Atlantic Striped Bass Conservation Act, 85-12632

**Strontium — Maps.**

Map showing the distribution and abundance of strontium and lanthanum in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12803

**Structural dynamics — Research.**

Structures and Dynamics Division, 85-13100

**Structures, Theory of.**

Design, development and use of the finite element machine, 85-13178

Finite element thermal-structural analysis of cable-stiffened space structures, 85-13300

**Student aid — United States — Periodicals.**

The Pell grant formula / , 85-12441

## Submerged arc welding.

### Submerged arc welding.

Charpy toughness and tensile properties of a neutron-irradiated stainless steel submerged arc weld cladding overlay / 85-13739

### Subways — United States — Rolling-stock — Reliability.

Cost savings potential from improvement in railcar reliability and maintainability / 85-13625

### Subways — Virginia.

Washington Metropolitan Area Transit Authority : oversight hearings and markup before the Subcommittee on Government Operations and Metropolitan Affairs of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on bus reliability ... and H.R. 4810 ... February 8, November 16, 1983; and May 3, 1984., 85-13801

### Sugar trade — United States.

Sugar : background for 1985 farm legislation., 85-11871

### Sulphur compounds — Environmental aspects — United States.

Method 16A for determination of total reduced sulfur emissions : summary of comments and responses., 85-12522

### Sulphur dioxide.

The plumes of IO : a detection of solid sulfur dioxide particles, 85-13445

Status of dry SO<sub>2</sub> control systems : fall 1983 / 85-12513

### Sulphuric acid.

Interaction of sulfuric acid corrosion and mechanical wear of iron, 85-13075

Miniature acid-condensation system : design and operation / 85-12498

### Sumatra (Indonesia) — Navigation.

Indonesia, Sumatra-east coast, Selat Bangka and Selat Gelasa / 85-12202

### Sumter County (Fla.) — Maps.

Potentiometric surface of the Floridan aquifer in central Sumter County, Florida, May 1983, 85-12818

### Supernovae.

Theoretical studies of x-ray emission from supernova remnants and other non-equilibrium astrophysical plasmas, 85-13428

### Supervision of employees — Handbooks, manuals, etc.

Supervisors guide to attendance improvement., 85-13489

### Supplemental security income program — United States.

In-kind benefits and the nonmetro poor / 85-12001

### Surfaces (Technology) — Analysis.

Tribological applications of surface analysis, 85-13069

### Surplus agricultural commodities — United States.

Production of surplus crops on irrigated land served by the U.S. Bureau of Reclamation / 85-11986

### Surplus government property — United States.

Sale by reference : instructions, terms & conditions applicable to Department of Defense personal property offered for sale by Defense Property Disposal Service., 85-12223

Sale of federal surplus personal property., 85-12555

### Surplus military property — United States.

Disposal of usable equipment : hearings before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, June 21 and July 25, 1984., 85-13786

### Survivors' benefits — Law and legislation — United States.

An Act to Amend Title 38, United States Code, to Increase the Rates of Disability Compensation for Disabled Veterans and of Dependency and Indemnity Compensation for Surviving Spouses and Children of Veterans, to Increase the Rates of Subsistence and Educational Assistance Allowances ..., 85-12602

Veterans' Benefits Improvement Act of 1984, 85-12602

### Survivors' benefits — United States.

An Act to Provide Retirement Equity for Former Spouses of Civil Service Retirees, and for Other Purposes., 85-12634

Civil Service Retirement Spouse Equity Act of 1984., 85-12634

### Sweet-gum.

Sweetgum volume and weight tables / 85-11912

### Synchronization.

Calibration procedure for automatic phase locking synchronizer, Weinschel engineering model 4311B option 3., 85-12277

### Synchrotron.

National Synchrotron Light Source / 85-12415

### Synchrotron radiation.

National Synchrotron Light Source / 85-12415

## Subject Index

### Synthetic Fuels Corporation (U.S.)

Synthetic Fuels Corporation oversight : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, May 16, 1984., 85-13876

### System analysis.

Investigation, development, and evaluation of performance proving for fault-tolerant computers, 85-13150

Nuclear power plant personnel qualifications and training : TSORT—an automated technique to assign tasks to training strategies / 85-13728

## T

### Tailings (Metallurgy) — Environmental

aspects — Michigan — Marquette County. Hydrogeology and effects of tailings basins on the hydrology of Sands Plain, Marquette County, Michigan / 85-12790

### Talking books — Bibliography.

Bestsellers, 1979-1983., 85-13024

### Tank gunnery — Handbooks, manuals, etc.

MOS 45N, tank turret mechanic, skill level I / 85-12333

### Tanks (Military science) — Environmental aspects — United States.

Effects of tracked vehicle activity on higher vertebrate populations at Army installations / 85-12329

### Tanks (Military science) — Handbooks, manuals, etc.

Material fielding agreement : M1 Abrams tank system between III Corps and Ft Hood and program manager M1 Abrams tank system., 85-12238

Tank identification handbook., 85-12248

### Tanks (Military science) — Statistics.

1982 census of manufactures. Preliminary report. Industry series. Tanks and tank components (industry 3795), 85-12033

### Tanks (Military science) — Turrets.

MOS 45N, tank turret mechanic, skill level I / 85-12333

### Tanks (Military science) — United States.

New equipment data., 85-12330

### Tariff — Law and legislation — United States.

Miscellaneous tariff and trade bills : hearings and written comments before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, first and second sessions, November 15, 1983 and June 21, 1984., 85-13939

**Tariff — Law and legislation — United States — Periodicals.**

Tariff Act of 1930. Title I, 85-12969

Tariff schedules of the United States annotated /, 85-12969

**Tariff — United States — Statistics.**

Summary of trade and tariff information : umbrellas, whips, riding crops, and canes; matches, pyrotechnics and candles; and smokers' articles : TSUS items 751.05-751.25, 755.05-755.50, and 756.02-756.60., 85-12980

**Tariff on fertilizers — United States.**

Summary of trade and tariff information : fertilizers, other than nitrogenous, TSUS items 480.05, 480.10, 480.35-480.60, and 480.70-480.80., 85-12975

**Tariff on filberts — United States.**

Increased duties on certain shelled filberts : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 14, 1984., 85-13846

**Tax administration and procedure — United States.**

Catalog of federal tax forms, form letters, and notices., 85-13557

Increasing productivity and administrability of the tax code : hearing before the Subcommittee on Oversight of the Internal Revenue Service of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, September 17, 1984., 85-13840

IRS compliance procedures : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, October 3, 1984., 85-13930

Revenue procedure 85-1., 85-13562

Revenue procedure 85-2., 85-13563

**Tax credits — United States.**

Fuel tax credits., 85-13566

Jobs and research credits., 85-13577

**Taxation — Japan.**

Japanese tax policy : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, September 24, 1984., 85-13807

**Taxation — Law and legislation — United States.**

An Act to Amend the Tax Equity and Fiscal Responsibility Act of 1982 with Respect to the Effect of the 1985 Increase in the Federal Unemployment Tax Rate on Certain Small Business

Provisions Contained in State Unemployment Compensation Laws., 85-12625

General explanation of the revenue provisions of the Deficit Reduction Act of 1984 : (H.R. 4170, 98th Congress; Public Law 98-369) /, 85-13935

**Taxation — Law and legislation — United States — Periodicals.**

Report on legislative review activity during the ... Congress of the Committee on Ways and Means., 85-13686

**Taxation — United States.**

Japanese tax policy : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, September 24, 1984., 85-13807

Major tax reform options : hearings before the Committee on Finance, United States Senate, Ninety-eighth Congress, second session., 85-13838

A selection of 1984 Internal Revenue Service tax information publications., 85-13580

Tax information for homeowners associations., 85-13574

**Taxation — United States — Rates and tables.**

Cross-references within the Internal Revenue Code of 1954 as of January 3, 1985 /, 85-13693

**Taxation, Double — United States.**

U.S. tax guide for aliens., 85-13568

**Taxation, Double — United States — Treaties.**

U.S. tax treaties., 85-13576

**Taxation, Exemption from — Oklahoma.**

An Act to Provide That Any Osage Headdress or Restricted Real Estate or Funds Which Is Part of the Estate of a Deceased Osage Indian Who Did Not Possess a Certificate of Competency at the Time of Death Shall Be Exempt from Any Estate or Inheritance Tax Imposed by the State of Oklahoma., 85-12612

**Taxation, State.**

State severance taxes : hearing before the Subcommittee on Energy and Agricultural Taxation of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 463, July 24, 1984., 85-13839

**Taxation of aliens — United States.**

U.S. tax guide for aliens., 85-13568

U.S. tax treaties., 85-13576

**Taxicabs — Washington (D.C.)**

Taxi regulation in a free entry market : a case study of Washington, D.C. /, 85-13587

**Technical assistance, American.**

**Teachers — Employment — United States — Periodicals.**

Overseas employment opportunities for educators., 85-12140

**Teachers — In-service training.**

Developer/demonstration project : a program to train apprentices to lead in-service workshops for secondary teachers of basic skills : final report /, 85-12475

**Teachers — In-service training — United States.**

Applying research to teacher education : the University of Utah's collaborative approach, first year preliminary report /, 85-12467

A collaborative model to identify and implement applications of research on effective teaching to preservice/in-service teacher education /, 85-12466

Strategy for technological update of vocational/ technical teachers /, 85-12433

**Teachers — Training of — United States.**

Applying research to teacher education : the University of Utah's collaborative approach, first year preliminary report /, 85-12467

A collaborative model to identify and implement applications of research on effective teaching to preservice/in-service teacher education /, 85-12466

The use of research knowledge in teacher education and teaching /, 85-12473

**Teachers — United States — Attitudes.**

Self-reports of teacher judgment /, 85-12474

**Teachers, Training of — United States.**

Needs assessment summary : cost analysis, policy analysis, and other evaluation methods /, 85-12446

**Technical assistance.**

Technology and technical assistance available to you through U.S. Army Harry Diamond Laboratories Technology Transfer Program and the Federal Laboratory Consortium for Technology Transfer., 85-12331

**Technical assistance — United States.**

Assistance available from the Soil Conservation Service., 85-11857

**Technical assistance, American.**

Business., 85-13481

Community development., 85-13482

Engineering., 85-13483

Forestry/fisheries., 85-13484

A World of technology for sharing : America's international highway program., 85-13592

## Technical education U.S.

### Technical education — United States.

Training for a technological world /, 85-12434

### Technical education — United States — Finance.

An Act to Amend the Vocational Education Act of 1963 to Strengthen and Expand the Economic Base of the Nation, Develop Human Resources, Reduce Structural Unemployment, Increase Productivity ..., 85-12596

Carl D. Perkins Vocational Education Act, 85-12596

### Technical libraries — United States —

#### Administration — Bibliography.

Scientific and technical libraries : administration and management /, 85-13026

### Technological innovations — United States.

Federal organization for technological innovation : hearings before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, June 7, 12, 13, 14, 1984., 85-13923

Oversight review of the five-year outlook report on science and technology : hearing before the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, January 24, 1984., 85-13925

### Technology — Soviet Union.

Scientific and technical training in the Soviet Union, 85-13123

### Technology — United States — Language.

Understanding a technical language, 85-13105

### Technology — United States — Management.

The management of research institutions : a look at government laboratories /, 85-13135

### Technology — Vocational guidance — United States.

Educational technology in vocational education /, 85-12435

### Technology and state — United States — Congresses.

Science, technology, and foreign affairs /, 85-13524

### Technology assessment — Bibliography — Catalogs.

List of publications /, 85-13757

### Technology transfer.

Methods of effective transfer and implementation of highway maintenance technology., 85-13594

The militarily critical technologies list., 85-12131

Nonaerospace uses of JPL technology, 85-13203

A World of technology for sharing : America's international highway program., 85-13592

### Telecommunication — Law and legislation — United States — Periodicals.

CFR. 47, Telecommunications, 85-12567

Code of federal regulations. 47, Telecommunications., 85-12567

Telecommunications, 85-12567

### Telecommunication.

RF characteristics of the hoop column antenna for the land mobile satellite system mission /, 85-13144

### Telecommunication — United States — Management.

Manual of regulations and procedures for federal radio frequency management : revisions for September 1984., 85-12114

### Telecommunication — United States — Periodicals.

Annual report /, 85-12124

FCC annual report, 85-12124

### Telecommunication policy — United States.

An Act to Amend the Communications Act of 1934 to Provide a National Policy Regarding Cable Television., 85-12604

Cable Communications Policy Act of 1984, 85-12604

### Telecommunication systems — Measurement — Data processing.

Sample size and precision in communication performance measurements /, 85-12115

### Telephone — Testing.

Calibration procedure for telephone test set TA-885/U and Hewlett-Packard, model 3555B., 85-12284

### Telephone — United States — Multiplex systems — Handbooks, manuals, etc.

Diagram booklet : telephone signal converter CV-1548, multiplexer TD-352, TD-660, TD-754/G, TD-204, radio sets AN/GRC-144 and AN/GRC-143., 85-12315

### Television broadcasting — Licenses — United States.

Broadcast regulation and station ownership : hearing before the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on

H.R. 6122 ... H.R. 6134 ... September 19, 1984., 85-13832

### Television programs — United States.

Broadcast regulation and station ownership : hearing before the Subcommittee on Telecommunications, Consumer Protection, and Finance of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6122 ... H.R. 6134 ... September 19, 1984., 85-13832

### Television programs, Public service — United States.

Pretesting television PSAs : user's guide., 85-12664

### Tennessee Valley Authority.

Environmental research and development : a cooperative approach as demonstrated by the Tennessee Valley Authority., 85-13761

### Tennessee Valley Authority — Periodicals.

Power program summary., 85-13758

Tennessee Valley Authority annual report., 85-13759

### Terminal care facilities — Law and legislation — United States.

Act to Amend Part A of Title XVIII of the Social Security Act with Respect to the Payment of Rates for Routine Home Care and Other Services Included in Hospice Care, 85-12635

Amendment of part A of Title XVIII of the Social Security Act., 85-12635

### Testicle — Cancer — Abstracts.

Selected abstracts on diagnosis and treatment of testicular cancer /, 85-12669

### Testing-machines — Calibration.

Calibration procedure for electrical test stand, United Manufacturing Company, models APS, type 18/500-1, part number 7085-5, federal stock number 4920-508-6345., 85-12295

### Tetrahedra.

Hinge specification for a square-faceted tetrahedral truss, 85-13189

### Texas — Maps.

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Texas /, 85-12783

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Texas /, 85-12782

Maps showing ground-water units and withdrawal, basin and range province, Texas /, 85-12781

## Subject Index

**Textile industry — United States.**

Import quotas on textiles : the welfare effects of United States restrictions on Hong Kong : an economic policy analysis /, 85-12531

**Textile industry — United States — Statistics.**

1982 census of manufactures. Preliminary report. Industry series. Finishing mills, N.E.C. (industry 2269)., 85-12025

1982 census of manufactures. Preliminary report. Industry series. Weaving mills, manmade fiber and silk (industry 2221)., 85-12024

**Textile machinery — Statistics.**

1982 census of manufactures. Preliminary report. Subject series. Textile machinery in place (major group 22)., 85-12034

**Thermodynamics.**

Optimization of cooled shields in insulations, 85-13153

**Thermography.**

Calibration procedure for hygrograph and thermograph system, Honeywell, model Y612X21-FH-11-111-77, Weathertronics model 5020, and Foxboro, model A127., 85-12285

Toward in-situ building R-value measurement /, 85-12322

**Thermometers and thermometry — Handbooks, manuals, etc.**

Instruction manual hygrothermometer (HO83)., 85-12101

**Thermosphere.**

Investigation of dynamic noise affecting geodynamics information in a tethered subsatellite, 85-13264

**Thought and thinking — Study and teaching (Elementary).**

In pursuit of wild geese : teaching creative thinking : Smithsonian approach /, 85-13544

**Three Mile Island Nuclear Power Plant (Pa.)**

Programmatic environmental impact statement related to decontamination and disposal of radioactive wastes resulting from March 28, 1979 accident Three Mile Island Nuclear Station, Unit 2, docket no. 50-320 : final supplement dealing with occupational radiation dose, GPU Nuclear, Inc., 85-13704

**Three Mile Island Nuclear Power Plant (Pa.) — Accidents — Investigation.**

NRC management policies : hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, June 21, 1984., 85-13825

**Thunder Basin National Grassland (Wyo.)**

Land and resource management plan : draft environmental impact statement : Medicine Bow National Forest and Thunder Basin National Grassland., 85-11947

Medicine Bow National Forest and Thunder Basin National Grassland : land and resource management plan (proposed)., 85-11948

**Thunderstorms.**

A kinetic energy study of the meso B-scale storm environment during AVE-SESAME V (20-21 May 1979) /, 85-13139

**Tidal currents — United States.**

Tidal currents /, 85-12111

**Timber — Oregon.**

Timber management for the 1980s /, 85-12962

**Timber — Southern States — Statistics.**

Empirical yields of timber and forest biomass in the Southeast /, 85-11907

**Timber — Washington (State)**

Timber resources in areas developed for nonforest use in western Washington /, 85-11932

**Timing circuits.**

Processor-controlled timing module for Loran-C receiver, 85-13448

**Tin — Maps.**

Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chigagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12799

**Tioga Reservoir (Pa.) — Maps.**

Tioga-Hammond Lakes /, 85-12327

**Tires, Rubber.**

Mixed models and reduction techniques for large-rotation, nonlinear analysis of shells of revolution with application to tires /, 85-13462

**Tires, Rubber — Traction.**

An Evaluation of methods to investigate truck tire wet traction /, 85-13634

**Tissue banks — United States.**

An Act to Provide for the Establishment of the Task Force on Organ Transplantation and the Organ Procurement and Transplantation Network, to Authorize Financial Assistance for Organ Procurement Organizations, and for Other Purposes., 85-12587

National Organ Transplant Act, 85-12587

**Tobacco industry — United States.**

Tobacco : background for 1985 farm legislation., 85-11861

**Toll roads — Virginia.**

An Act to Eliminate Restrictions with Respect to the Imposition and Collection of Tolls on the Richmond-Petersburg Turnpike Upon Repayment by the Commonwealth of Virginia of Certain Federal-Aid ..., 85-12629

**Torsion.**

Flutter and forced response of mistuned rotors using standing wave analysis, 85-13261

**Torts — United States.**

Medical care cost recovery : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 4666 ... March 7, 1984., 85-13889

**Tracklaying vehicles — Statistics.**

1982 census of manufactures. Preliminary report. Industry series. Tanks and tank components (industry 3795)., 85-12033

**Trade-marks — United States.**

Trademarks., 85-13019

**Trade-marks — United States — Handbooks, manuals, etc.**

Patents and trademarks style manual : a supplement to the United States Government Printing Office style manual., 85-12093

**Trade-marks — United States — Periodicals.**

Commissioner of Patents and Trademarks annual report /, 85-12091

Consolidated listing of recent Official gazette notices, re Patent and Trademark Office practices and procedures., 85-12092

Official gazette, 85-12092

**Trade regulation — United States — Periodicals.**

CFR. 16, Commercial practices, 85-12563

Code of Federal regulations. 16, Commercial practices., 85-12563

Commercial practices, 85-12563

**Trade-unions — United States — Corrupt practices.**

Oversight on Boilermakers, 1983 : hearings before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, first session, on examination on alleged illegal sales of union memberships or books to unqualified welders by officials of local chapters of the Interna-

## Trade-unions U.S. Corrupt practices.

tional Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers., 85-13899

### Trade-unions — United States — Membership.

Oversight on Boilermakers, 1983 : hearings before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, first session, on examination on alleged illegal sales of union memberships or books to unqualified welders by officials of local chapters of the International Brotherhood of Boilermakers, Iron Shipbuilders, Blacksmiths, Forgers, and Helpers., 85-13899

### Traffic accidents — Illinois — Wilmington (Will County)

Railroad/highway accident report : collision of Amtrak passenger train no. 301 on Illinois Central Gulf Railroad with Marquette Motor Service Terminals, Inc. delivery truck, Wilmington, Illinois, July 28, 1983 /, 85-13590

### Traffic accidents — United States — Statistics — Periodicals.

Accidents of motor carriers of property /, 85-13603

### Traffic safety — United States.

Drunk driving public information program strategies and planning guide., 85-13635

### Traffic safety — United States — Handbooks, manuals, etc.

The Safety belt proponent's guide., 85-13636

### Trajectory optimization.

Optimal symmetric flight with an intermediate vehicle model, 85-13211

### Transonic planes — Wings.

Numerical optimization design of advanced transonic wing configurations, 85-13109

### Transonic wind tunnels.

High Reynolds number tests of a Boeing BAC I airfoil in the Langley 0.3-meter transonic cryogenic tunnel, 85-13034  
Video model deformation system for the national transonic facility, 85-13092

### Transport planes.

Pressure distribution data from tests of 2.29-meter (7.5-ft.) span EET high-lift research model in Langley 4-by-7-meter tunnel, 85-13042

### Transportation — Law and legislation — United States — Periodicals.

CFR. 49, Transportation, 85-12569, 85-12570

Code of federal regulations. 49, Transportation., 85-12569, 85-12570

Transportation, 85-12569, 85-12570

### Transportation, Automotive — Taxation — United States.

Fuel tax credits., 85-13566

### Transportation, Automotive — United States — Statistics — Periodicals.

Highway statistics /, 85-13593

### Transportation, Military.

Joint airdrop inspection records, malfunction investigations, and activity reporting : operations., 85-12369

### Travel — Hygienic aspects — Periodicals.

Health information for international travel., 85-12698

### \*Travel — periodicals.

Health information for international travel., 85-12698

### Tree felling.

Drive-to-tree, rubber-tired feller buncher production studies /, 85-11944

### Tree felling — Cost effectiveness.

Releasing young hardwood crop trees : use of a chain saw costs less than herbicides /, 85-11901

### Tree planting.

Mechanized red pine tree planting operation : a time study /, 85-11917

### Trees — Michigan — Growth — Mathematical models.

A simple model for estimating total and merchantable tree heights /, 85-11916

### Trees — Minnesota — Growth — Mathematical models.

A simple model for estimating total and merchantable tree heights /, 85-11916

### Trees — Wisconsin — Growth — Mathematical models.

A simple model for estimating total and merchantable tree heights /, 85-11916

### Tribology.

Effect of substrate chemical pretreatment on the tribological properties of graphite films, 85-13047

Tribological applications of surface analysis, 85-13069

### Trinity River Watershed (Calif.)

An Act to Provide for the Restoration of the Fish and Wildlife in the Trinity River Basin, California, and for Other Purposes., 85-12601

### Tritium — Packaging.

Alternative containers for low-level wastes containing large amounts of tritium /, 85-13741

### Tropical plants — Tropics.

Growing food in containers in the Tropics /, 85-11969

### Troposphere.

Shot noise limited detection of OH using the technique of laser induced fluorescence, 85-13453

### Troposphere — Remote sensing.

Remote measurements of ozone, water vapor and liquid water content, and vertical profiles of temperature in the lower troposphere, 85-13231

### Truck drivers, Physically handicapped.

Handicapped driver waiver program /, 85-13602

### Trucking — United States — Accidents — Statistics — Periodicals.

Accidents of motor carriers of property /, 85-13603

### Trucks — Skidding.

An Evaluation of methods to investigate truck tire wet traction /, 85-13634

### Trucks — Tires.

An Evaluation of methods to investigate truck tire wet traction /, 85-13634

### Trucks, Military — Maintenance and repair — Handbooks, manuals, etc.

Organizational maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-902-8455, w/sprinkler only, NSN 3895-00-952-5840, Huber model E1012M., 85-12256

### Trusses — Mathematical models.

Hinge specification for a square-faceted tetrahedral truss, 85-13189

### Trusts, Industrial — United States.

SBA antitrust for small businesses., 85-13538

### Tubes — Aerodynamics.

Residual stresses in cross-ply composite tubes, 85-13252

### Tumors — Abstracts.

Selected abstracts on effects of therapy for primary neoplasms on the development of second malignant neoplasms /, 85-12666

Selected abstracts on intercellular communication related to neoplasia /, 85-12667

### Tumors, Radiation-induced.

Radiation cancer liability : hearing before the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session ... September 18, 1984., 85-13906

### Tumors in children.

Help yourself : tips for teenagers with cancer : user's guide., 85-12663

**Tuna fisheries — Law and legislation — United States.**

An Act to Implement the Eastern Pacific Ocean Tuna Fishing Agreement, Signed in San Jose, Costa Rica, March 15, 1983., 85-12574

Eastern Pacific Tuna Licensing Act of 1984, 85-12574

**Turbines.**

Materials for advanced turbine engines (MATE): Project 3 design, fabrication and evaluation of an oxide dispersion strengthened sheet alloy combustor liner /, 85-13399, 85-13400

**Turbines — Aerodynamics.**

Application of a quasi-3D inviscid flow and boundary layer analysis to the hub-shroud contouring of a radial turbine, 85-13055

**Turbines — Blades.**

Fabrication development for ODS-super-alloy, air-cooled turbine blades, 85-13393

Low-cost single-crystal turbine blades /, 85-13156

**Turbomachines.**

Development of dynamic simulation of TF34-GE-100 turbofan engine with post-stall capability, 85-13053

**Turbomachines — Blades — Noise.**

Final report to The National Aeronautics and Space Administration, Langley Research Center on grant NAG-317 entitled an experimental study of the properties of surface pressure fluctuations in strong adverse pressure gradient turbulent boundary layers, 1 December 1982 to 31 January 1984, 85-13441

**Turbulence.**

Confined turbulent swirling recirculating flow predictions, 85-13431

Swirl, expansion ratio and blockage effects on confined turbulent flow, 85-13425

Turbulence characteristics of swirling flowfields, 85-13426

**Turbulence — Mathematical models.**

Direct simulations of chemically reacting turbulent mixing layers, 85-13391

Transition to turbulence in plane channel flow, 85-13209

**Two-phase flow.**

Unified theory for predicting maximum fluid particle size for drops and bubbles /, 85-13746

**U****U.S. Army Harry Diamond Laboratories.**

Technology and technical assistance available to you through U.S. Army

Harry Diamond Laboratories Technology Transfer Program and the Federal Laboratory Consortium for Technology Transfer., 85-12331

**U.S. Army Research Institute for the Behavioral and Social Sciences — Abstracts — Periodicals.**

Abstracts of A.R.I. research publications, 85-12314

Abstracts of ARI research publications., 85-12314

**U.S. Fish and Wildlife Service — Management.**

Summary of research programs and facilities., 85-12954

**U.S. Nuclear Regulatory Commission — Appropriations and expenditures.**

An Act to Authorize Appropriations to the Nuclear Regulatory Commission in Accordance with Section 261 of the Atomic Energy Act of 1954, and Section 305 of the Energy Reorganization Act of 1974., 85-12606

**U.S. Nuclear Regulatory Commission — Directories — Telephone.**

Telephone directory /, 85-13717

**U.S. Nuclear Regulatory Commission — Management.**

NRC management policies: hearing before the Subcommittee on Energy Conservation and Power of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, June 21, 1984., 85-13825

**Ukraine.**

Commission on the Ukraine Famine Act: hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 3, 1984., 85-13857

**Ultrasonics in biology.**

Development of limb volume measuring system, 85-13177

**Ultrasonics in medicine.**

A durability study of pericardial bio-prostheses, 85-13238

**Ultraviolet spectroscopy.**

Research in solar physics, 85-13173

**Umatilla National Forest (Or. and Wash.) — Maps.**

Umatilla National Forest, Oregon and Washington, 1976 /, 85-11887

**Underwater acoustics — United States.**

Ambient noise in the sea /, 85-12365

**Underwear industry — United States — Statistics.**

Summary of trade and tariff information: body-supporting garments: TSUS items 376.04-376.28., 85-12971

**Unemployment — United States — Statistics — Periodicals.**

Geographic profile of employment and unemployment /, 85-13012

**Unesco.**

Recent developments in UNESCO and their implications for U.S. policy: hearings before the Subcommittees on Human Rights and International Organizations and on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, July 26; September 13; December 6, 1984., 85-13859

**United Nations.**

U.S. contribution to the U.N. decade for women: hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984., 85-13848

**United Nations. Security Council.**

Settlement of the Cyprus question: communication from the President of the United States transmitting a report on progress toward a negotiated solution of the Cyprus problem, including any relevant reports from the Secretary General of the United Nations, pursuant to 22 U.S.C. 2373(c)., 85-13680

**United States. ACTION.**

Who needs you? we do!: ACTION, the National Volunteer Agency needs you to be an important member of Young Volunteers in Action., 85-12014

**United States. Advisory Council on Historic Preservation — Periodicals.**

Report to the President and the Congress of the United States /, 85-13701

**United States. Agricultural Research Service.**

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

**United States. Agricultural Research Service. Southern Regional Research Center.**

Southern Regional Research Center., 85-11966

**United States. Air Force — Appropriations and expenditures.**

Military construction appropriations for 1986: hearings before a subcommittee of the Committee on Appropriations,

# U.S. Air Force Appropriations and expenditures.

# Subject Index

House of Representatives, Ninety-ninth Congress, first session /, 85-13773

## United States. Air Force — Equipment — Handbooks, manuals, etc.

Storage and maintenance procedures with illustrated parts breakdown : adapter, guidance section to warhead, ADU-452A/B, part no. HA020503-301-00., 85-12376

Storage and maintenance procedures with illustrated parts breakdown : airfoil group, guided bomb, MXU-724/B, part no. HK020503-601-00., 85-12375

Storage and maintenance procedures with illustrated parts breakdown : target detecting device, modular guided bomb, DSU-27A/B, part no. HG020601-001-00., 85-12377

## United States. Air Force — Equipment — Maintenance and repair — Handbooks, manuals, etc.

Storage and maintenance procedures with illustrated parts breakdown : adapter, guidance section to warhead, ADU-452A/B, part no. HA020503-301-00., 85-12376

## United States. Air Force — Handbooks, manuals, etc.

Aerospace ground equipment repairman (AFSC 42153) /, 85-12395

Airborne communications systems operator (AFSC 11650) /, 85-12382, 85-12383

Apprentice operations systems management specialist (AFSC 27132) /, 85-12385

Combat control operator (AFSC 27350) /, 85-12386

Corrosion control /, 85-12407

Defensive system trainer specialist (AFSC 34152) /, 85-12392, 85-12393

Diet therapy specialist (AFSC 62251) /, 85-12400

Digital techniques : module 10005., 85-12378

Disaster preparedness specialist (AFSC 24250) /, 85-12384

Electronic warfare systems specialist (AFSC 32853) /, 85-12391

Environmental support specialist (AFSC 56651) /, 85-12399

F-100 jet engine mechanic (AFSC 42654) /, 85-12398

HP 1000 E-series computer, HP 2109B and HP 2113B installation and service manual., 85-12371

Inventory management supervisor (AFSC 64570) /, 85-12401

Legal services technician (AFSC 70570) /, 85-12403, 85-12404

Logistics plans specialist (AFSC 66150) /, 85-12402

Maintenance scheduling specialist (AFSC 39250) /, 85-12394

Meteorological technician (AFSC 25170), 85-12406

Military skills., 85-12368

Precision measuring equipment technician (AFSC 32470) /, 85-12390

Radio and television broadcasting specialist (AFSC 79151), 85-12405

Self aid/buddy care instructions., 85-12370

Space communications systems equipment operator/specialist (AFSC 30456) /, 85-12388

Study manual phase II, electricity, electronics, and electrical armament circuits., 85-12340

Turboprop propulsion mechanic (AFSC 42653) /, 85-12396, 85-12397

Weapon control systems technician (F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389

Weather equipment technician (AFSC 30270) /, 85-12387

Welcome! Class of 1986., 85-12379

## United States. Air Force — Weapons systems — Handbooks, manuals, etc.

Weapon control systems technician (F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389

## United States. Animal and Plant Health Inspection Service.

Improved Standards for Laboratory Animals Act; and enforcement of the Animal Welfare Act by the Animal and Plant Health Inspection Service : hearing before the Subcommittee on Department Operations, Research, and Foreign Agriculture of the Committee on Agriculture, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5725, September 19, 1984., 85-13771

## United States — Appropriations and expenditures, 1984.

An Act to Amend the Public Health Service Act to Revise and Extend the Authorities of That Act for Assistance for Alcohol and Drug Abuse and Mental Health Services., 85-12589

Alcohol Abuse, Drug Abuse and Mental Health Amendments of 1984, 85-12589

## United States — Appropriations and expenditures.

National Aeronautics and Space Administration Authorization Act : report (to accompany H.R. 5154), 85-13667

Superfund Expansion and Protection Act of 1984 : hearing before the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5640 ... July 25, 1984., 85-13941

## United States — Appropriations and expenditures — Periodicals.

Allocation of budget totals for fiscal year ... : submitted pursuant to section 302(b) of the Congressional Budget Act of 1974 by the Committee on Science and Technology., 85-13685

Report of committee activities /, 85-13690

## United States — Appropriations and expenditures, 1983.

Deferrals : message from the President of the United States transmitting a report on four new deferrals of budget authority for fiscal year 1983, and one revision to a previously reported deferral of budget authority, pursuant to sections 1013(a) and 1014(c) of Public Law 93-344., 85-13675

## United States — Appropriations and expenditures, 1984.

Supplemental appropriations : communication from the President of the United States transmitting proposed supplemental appropriations for fiscal year 1984 and amendments to the request for appropriations for the fiscal year 1984., 85-13674

## United States — Appropriations and expenditures, 1984-1985.

An Act to Authorize Appropriations to the Nuclear Regulatory Commission in Accordance with Section 261 of the Atomic Energy Act of 1954, and Section 305 of the Energy Reorganization Act of 1974., 85-12606

## United States — Appropriations and expenditures, 1985.

An Act Making Appropriations for the Departments of Labor, Health and Human Services, and Education, and Related Agencies for the Fiscal Year Ending September 30, 1985, and for Other Purposes., 85-12636

Agriculture, rural development, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5743 ..., 85-13776

Department of Defense authorization for appropriations for fiscal year 1985 : hearings before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, on S. 2414 ..., 85-13787

- Departments of Commerce, Justice, State, the Judiciary, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5712 ...., 85-13777
- Departments of Labor, Health and Human Services, Education, and Related Agencies Appropriation Act, 1985, 85-12636
- Departments of Labor, Health and Human Services, Education, and related agencies appropriations for 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 6028/S. 2836 ...., 85-13778
- Energy and water development appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session., 85-13774
- Fiscal year 1985 : House/Senate hearings, Committee on Appropriations : Subcommittee on the Treasury, Postal Service, and General Government Appropriations., 85-13558
- Legislative branch appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5753 ...., 85-13779
- United States — Appropriations and expenditures, 1985-1986.**  
Coast Guard Authorization Act of 1984., 85-12607
- United States — Appropriations and expenditures, 1986.**  
Military construction appropriations for 1986 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-ninth Congress, first session /, 85-13773
- The President's 1986 budget : an assault on America's aged and poor : a report /, 85-13765
- United States — Armed Forces — Bibliography — Catalogs.**  
Armed Forces., 85-12545
- United States — Armed Forces — Congresses.**  
22nd Joint Services Safety Conference : New London, CT, 19-22 September 1983., 85-13619
- United States — Armed Forces — Handbooks, manuals, etc.**  
Handbook for stringers in the Armed Forces /, 85-12141
- United States — Armed Forces — Housing — Taxation.**  
Charitable contributions and ministers' and military housing deductions : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, on S. 377 and S. 2017, September 26, 1984., 85-13844
- United States — Armed Forces — Mobilization — Handbooks, manuals, etc.**  
Mobility system policies, procedures and considerations., 85-12142
- United States — Armed Forces — Officer's handbooks.**  
Reserve company commander's handbook., 85-12241
- United States — Armed Forces — Procurement.**  
Hearing on H.R. 5256, to authorize the Inspector General of the Department of Defense to take certain extraordinary actions to reform contracts of the Department of Defense, before the Investigations Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, April 26, 1984., 85-13784
- United States — Armed Forces — Procurement — Handbooks, manuals, etc.**  
D.I.D.S. procedures manual. Vol. 11, Edit/validation criteria, 85-12225
- D.I.D.S. procedures manual. Vol. 14, Reports and statistics, 85-12227
- D.I.D.S. procedures manual. Vol. 16, Remote terminal system, 85-12228
- Defense Integrated Data System DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids., 85-12224
- Defense Integrated Data System DIDS procedures manual. Vol. 11, Edit/validation criteria., 85-12225
- Defense Integrated Data System DIDS procedures manual. Vol. 13, Materiel management decision rule tables., 85-12226
- Defense Integrated Data System DIDS procedures manual. Vol. 14, Reports and statistics., 85-12227
- Defense Integrated Data System DIDS procedures manual. Vol. 16, Remote terminal system., 85-12228
- DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids, 85-12224
- DIDS procedures manual. Vol. 11, Edit/validation criteria, 85-12225
- DIDS procedures manual. Vol. 13, Materiel management decision rule tables, 85-12226
- DIDS procedures manual. Vol. 14, Reports and statistics, 85-12227
- DIDS procedures manual. Vol. 16, Remote terminal system, 85-12228
- Edit/validation criteria, 85-12225
- Materiel management decision rule tables, 85-12226
- Multiple application references/instructions/tables and grids, 85-12224
- Remote terminal system, 85-12228
- Reports and statistics, 85-12227
- United States — Armed Forces — Reserves.**  
First United States Army : first in deed., 85-12129
- Instructor's guide for introduction to leadership development : a course outline : leadership development 1 /, 85-12245
- United States — Armed Forces — Reserves — Handbooks, manuals, etc.**  
Passport to a challenge., 85-12235
- Student text for seminar in leadership and management : (reference part two, leadership development 3 : instructor's guide for applied leadership development), 85-12244
- United States — Armed Forces — Safety measures — Congresses.**  
22nd Joint Services Safety Conference : New London, CT, 19-22 September 1983., 85-13619
- United States — Armed Forces — Weapons systems.**  
Review of United States strategic forces : communication from the President of the United States transmitting a detailed technical assessment review of U.S. strategic forces, pursuant to subsection 7 of Title V, Public Law 97-377., 85-13673
- United States — Armed Forces — Women.**  
Going strong! : women in defense., 85-12132
- United States. Army. Airborne troops — Handbooks, manuals, etc.**  
Ranger handbook., 85-12247
- United States. Army. Army, First.**  
First United States Army : first in deed., 85-12129
- United States. Army. Corps of Engineers.**  
Nashville District — Maps.  
Planning work in a stream /, 85-12328
- United States. Army. Corps of Engineers.**  
North Central Division — History.  
The Corps, the environment, and the Upper Mississippi River Basin /, 85-12326

## U.S. Army Data processing.

### United States. Army — Data processing.

Evaluation of the HARDMAN comparability methodology for manpower, personnel, and training, 85-13321

### United States. Army — Equipment.

Calibration procedure for automatic phase locking synchronizer, Weinschel engineering model 4311B option 3., 85-12277

Calibration procedure for automotive generator and voltage regulator test sets (general), 85-12276

Calibration procedure for electrical test stand, United Manufacturing Company, models APS, type 18/500-1, part number 7085-5, federal stock number 4920-508-6345., 85-12295

Calibration procedure for electronic voltmeters AN/URM-145 (Boonton, model 91CA), AN/URM-145A, AN/URM-145B, AN/URM-145C, AN/URM-145D/U, and RF voltmeters, Boonton, models 91C, 91CA-S4, 91DA, 91H, and 91HR., 85-12283

Calibration procedure for hygograph and thermograph system, Honeywell, model Y612X21-FH-11-111-77, Weathertronics model 5020, and Foxboro, model A127., 85-12285

Calibration procedure for multimeter ME-297/U., 85-12282

Calibration procedure for oscilloscope; AN/USM-184 (Tektronix Type 545A), AN/USM-196 and OS-159 (P)/USM-195 (Tektronix Type RM45A and Lavoie model LA265A), 85-12279

Calibration procedure for oscilloscopes AN/USM-140 and AN/USM-141 (Hewlett-Packard models 170 and 170AR), AN/USM-140A (Hickok Instrument Co., model 1807), AN/USM-140B and AN/USM-141A (Hewlett-Packard models 170B and 170BR), AN/USM-140C and AN/USM-141B (Hickok Instrument Co.) ..., 85-12280

Calibration procedure for peak power calibrator, Hewlett-Packard, model 8900B., 85-12287

Calibration procedure for standard capacitors fixed and variable (general), 85-12281

Calibration procedure for telephone test set TA-885/U and Hewlett-Packard, model 3555B., 85-12284

Calibration procedure for weights (mass) (general), 85-12286

### United States. Army — Equipment — Catalogs.

Hand receipt catalog covering content of : sets, kits, and outfits, components list for shop equipment, canvas and glass shop, shelter mounted (NSN 4940-00-209-6239) (LIN T10038), 85-12267

### United States. Army — Equipment — Handbooks, manuals, etc.

Direct support and general support maintenance repair parts and special tools list for radio frequency plug-in, Weinschel Engineering Company model 432AP-2 (NSN 4931-01-060-0525), 85-12262

Direct support and general support maintenance repair parts and special tools list for selected items of secondary transfer standards calibration set AN/GSM-259 (NSN 4931-01-019-1829), 85-12261

Direct support and general support maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-952-5840, Huber model E1012M, w/sprinkler only, NSN 3895-00-902-8455., 85-12257

Direct support and general support maintenance repair parts and special tools lists (including depot maintenance repair parts and special tools lists) : compressor, rotary, air, wheel mounted, pneumatic tires, diesel driven, 600 CFM, 100 psi, Ingersoll-Rand model DR-600, nonwinterized, serial numbers 600AR 18604 through 600AR 18838, 600 AR21871 through 600AR 22070 ..., 85-12258

Organizational, direct support and general support maintenance repair parts and special tools lists : drier-mixer, bituminous-concrete materials, wheel mounted, gasoline engine driven, 2 wheel, pneumatic tires, 3 to 10 ton per hr. (NSN 3895-00-755-4761) : Wylie model PM-415-MIL., 85-12255

Organizational maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-902-8455, w/sprinkler only, NSN 3895-00-952-5840, Huber model E1012M., 85-12256

Procedure for destruction of tow heavy antitank/assault weapon to prevent enemy use., 85-12265

### United States. Army — Equipment — Maintenance and repair — Handbooks, manuals, etc.

Equipment improvement report and maintenance digest : Multiple Launch Rocket System, second quarter, CY 1984., 85-12294

### United States. Army — Food service — Handbooks, manuals, etc.

Food service data feedback program., 85-12252

### United States. Army — Handbooks, manuals, etc.

Air traffic control radar controller : soldier's manual : skill level 1, MOS 93J., 85-12270

Aircraft fire control repairer, MOS 68J : skill levels 1/2 : soldier's manual., 85-12271

Basic rifle marksmanship trainer's guide., 85-12246

Beyond high school : the army's education planning guide., 85-12308

Department of Defense personal property storage : field training workbook for quality assurance., 85-12237

Diagram booklet : telephone signal converter CV-1548, multiplexer TD-352, TD-660, TD-754/G, TD-204, radio sets AN/GRC-144 and AN/GRC-143., 85-12315

Direct support and general support maintenance repair parts and special tools list for radio frequency plug-in, Weinschel Engineering Company model 432AP-2 (NSN 4931-01-060-0525), 85-12262

Direct support and general support maintenance repair parts and special tools list for selected items of secondary transfer standards calibration set AN/GSM-259 (NSN 4931-01-019-1829), 85-12261

Direct support and general support maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-952-5840, Huber model E1012M, w/sprinkler only, NSN 3895-00-902-8455., 85-12257

Direct support and general support maintenance repair parts and special tools lists (including depot maintenance repair parts and special tools lists) : compressor, rotary, air, wheel mounted, pneumatic tires, diesel driven, 600 CFM, 100 psi, Ingersoll-Rand model DR-600, nonwinterized, serial numbers 600AR 18604 through 600AR 18838, 600 AR21871 through 600AR 22070 ..., 85-12258

DS and GS maintenance manual : radar set AN/MPQ-51 (XO-1) (Improved Hawk Air Defense Guided Missile System), 85-12260

Equipment improvement report and maintenance digest : DRAGON Medium Antitank/Assault Weapon System, (second quarter, CY 1984), 85-12291

Equipment improvement report and maintenance digest : HAWK Air Defense Guided Missile System and

HAWK battery terminal equipment, (second quarter, CY 1984), 85-12290

Equipment improvement report and maintenance digest : Multiple Launch Rocket System, second quarter, CY 1984., 85-12294

Equipment improvement report and maintenance digest : (Nike-Hercules and Improved Nike-Hercules Air Defense Guided Missile System), second quarter, CY 1984., 85-12289

Equipment improvement report and maintenance digest (US Army Tank-Automotive Command) : commercial automotive equipment (Jan thru June - 1st half CY 84), 85-12292

Equipment improvement report and maintenance digest (US Army Tank-Automotive Command) material handling equipment (Jan thru June - 1st half CY 84), 85-12293

Food service data feedback program., 85-12252

Hip pocket lesson plans., 85-12234

Instructor's guide for introduction to leadership development : a course outline : leadership development 1 /, 85-12245

List of applicable publications (LOAP) for Lance Field Artillery Missile System., 85-12259

Load-testing vehicles used to handle missiles and rockets, medium wrecker M62, medium wrecker truck M543 series, and M816, and wrecker-truck tractor M246 series, and M819., 85-12275

Materiel fielding agreement : M1 Abrams tank system between III Corps and Ft Hood and program manager M1 Abrams tank system., 85-12238

Medical specialist., 85-12269

Message preparation ACP 127 ( ) tape format : workbook., 85-12316

Mobility system policies, procedures and considerations., 85-12142

MOS 45B small arms repairer, skill level I /, 85-12332

MOS 45N, tank turret mechanic, skill level I /, 85-12333

Operator's and organizational maintenance manual (including repair parts and special tools lists) together with supplemental operating maintenance and repair parts instructions (SO-MARPI) for spreader, lifting frames, NSN 3990-01-128-0089 (linefast model no. 7127-51A-20L), NSN 3990-01-128-0090 (linefast model no. 7127-51A-35L) ..., 85-12263

Organizational, direct support and general support maintenance repair parts and special tools lists : drier-mixer, bitumi-

nous-concrete materials, wheel mounted, gasoline engine driven, 2 wheel, pneumatic tires, 3 to 10 ton per hr. (NSN 3895-00-755-4761) : Wylie model PM-415-MIL., 85-12255

Organizational, direct support, general support and depot manual : shipment, handling, storage, inspection, care and preservation : HAWK Air Defense Guided Missile System., 85-12264

Organizational maintenance repair parts and special tools lists : roller, motorized, gasoline engine, 3 wheel, 10 ton, w/scarifier and sprinkler, NSN 3895-00-902-8455, w/sprinkler only, NSN 3895-00-952-5840, Huber model E1012M., 85-12256

Passport to a challenge., 85-12235

Procedure for destruction of tow heavy antitank/assault weapon to prevent enemy use., 85-12265

Programmed text : additional reports., 85-12310

Programmed text : flight controls, TH-55., 85-12312

Programmed text : gyrocompass failure., 85-12311

Programmed text : T-53-L-13 gas turbine engine., 85-12313

Ranger handbook., 85-12247

Reserve company commander's handbook., 85-12241

Soldier-leader's handbook : tools of the trade., 85-12239

Standard "B" ration for the armed forces., 85-12266

Tank identification handbook., 85-12248

TOW training /, 85-12249

**United States. Army — History.**  
Advice and support., 85-12335

**United States. Army — Management — Handbooks, manuals, etc.**  
Instructor's readings for instructor's guide for applied leadership development, leadership development 3 /, 85-12243

**United States. Army. Medical Service Corps.**  
The Medical Service Corps : the Army Medical Team., 85-12301

**United States. Army — Military life.**  
Customs, courtesies and activities guide /, 85-12242

**United States. Army — Ordnance and ordnance stores.**  
List of storage and outloading drawings for ammunition., 85-12272

New equipment data., 85-12330

**United States. Army — Personnel management.**  
Evaluation of the HARDMAN comparability methodology for manpower, personnel, and training., 85-13321

**United States. Army — Personnel management — Handbooks, manuals, etc.**  
Advanced labor negotiation techniques., 85-12274

**United States. Army — Recruiting, enlistment, etc.**  
Beyond high school : the army's education planning guide., 85-12308

Earn Army pay and benefits as a civilian., 85-12306

A Good place for a BSN to start : the Army Medical Team., 85-12299

Health Professions Scholarship Program : the Army Medical Team., 85-12298

How not to blow a job interview., 85-12307

**United States. Army. Reserve Officers' Training Corps.**  
Army ROTC scholarships., 85-12302

**United States. Army. Reserve Officers' Training Corps — Handbooks, manuals, etc.**  
Instructor's readings for instructor's guide for applied leadership development, leadership development 3 /, 85-12243

Student text for seminar in leadership and management : (reference part two, leadership development 3 : instructor's guide for applied leadership development), 85-12244

**United States. Army — Supplies and stores.**  
Hand receipt catalog covering content of sets, kits, and outfits components list : calibration set, secondary transfer standards (augmented), AN/GSM-287, (NSN 6695-01-081-4873), (line item no. Z12223), 85-12268

**United States. Army — Vocational guidance.**  
Army Medical Specialist Corps : the Army Medical Team., 85-12300

Be a vital part of American medicine as an Army physician : the Army medical team., 85-12297

The Medical Service Corps : the Army Medical Team., 85-12301

**United States. Army — Warrant officers — Training of.**  
Warrant Officer candidate course guide., 85-12334

**United States. Army Medical Specialist Corps.**  
Army Medical Specialist Corps : the Army Medical Team., 85-12300

## U.S. Army Reserve.

### United States. Army Reserve.

The Army Reserve., 85-12304

The Army Reserve helps you and the people you care about., 85-12303

Benefits, the Army Reserve : what you get out of it., 85-12296

Veterans : your past experience is worth more to you now., 85-12305

### United States Army Reserve.

Earn Army pay and benefits as a civilian., 85-12306

### United States. Army Reserve — Handbooks, manuals, etc.

Pre-command course., 85-12236

### United States. Assistant Comptroller of the Army for Finance and Accounting — Handbooks, manuals, etc.

Automated data systems manual, Nonappropriated Funds Information Standard System (FAFISS) : budget, users manual., 85-12240

### United States. Board for International Broadcasting — Periodicals.

Annual report /, 85-13694

### United States. Bureau of Reclamation. Utah Projects Office.

Reservoir management review : Utah projects office, 1983 /, 85-12900

### United States. Bureau of the Census.

America's fact finder, the Census Bureau : your introduction to ... mines., 85-12017

### United States — Census — Bibliography.

Reference sources., 85-12047

### United States. Coast Guard —

Appropriations and expenditures.

Coast Guard Authorization Act of 1984., 85-12607

### United States — Commerce — Japan.

United States-Japan trade : the \$30 billion gap : hearing before the Subcommittee on East Asian and Pacific Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, October 3, 1984., 85-13860

### United States — Commerce — Periodicals.

U.S. trade performance in ... and outlook /, 85-12122

US trade performance in ... and outlook, 85-12122

### United States — Commerce — Statistics — Periodicals.

Schedule E commodity groupings by world area and country, 85-12042

U.S. exports. Schedule E commodity groupings by world area and country., 85-12042

U.S. general imports. World area and country of origin by schedule A commodity groupings., 85-12041

US exports. Schedule E commodity groupings by world area and country, 85-12042

US general imports. World area and country of origin by schedule A commodity groupings, 85-12041

World area and country of origin by schedule A commodity groupings, 85-12041

### United States — Commercial policy.

Protection in agricultural markets /, 85-11995

To establish a National Commission on Agricultural Trade and Export Policy : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 319 ... August 3, 1984., 85-13878

### United States. Commission on the Ukraine Famine.

Commission on the Ukraine Famine Act : hearing before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, October 3, 1984., 85-13857

### United States. Commodity Futures Trading Commission — Periodicals.

Annual report /, 85-13695

CFTC annual report, 85-13695

### United States. Congress — Appropriations and expenditures.

Legislative branch appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5753 ..., 85-13779

### United States. Congress. House. Committee on Appropriations — Periodicals.

Report of committee activities /, 85-13690

### United States. Congress. House. Committee on Education and Labor — Periodicals.

Report on the activities of the Committee on Education and Labor during the ... Congress., 85-13689

### United States. Congress. House. Committee on Interior and Insular Affairs.

Legislative and review activities of the Committee on Interior and Insular Affairs of the House of Representatives during the ... Congress pursuant to clause 1(d) of rule XI of the rules of the House of Representatives., 85-13691

## Subject Index

### United States. Congress. House. Committee on Interior and Insular Affairs — Periodicals.

Legislative and review activities of the Committee on Interior and Insular Affairs of the House of Representatives during the ... Congress pursuant to clause 1(d) of rule XI of the rules of the House of Representatives., 85-13691

### United States. Congress. House. Committee on Merchant Marine and Fisheries — Periodicals.

Report on the activities of the Merchant Marine and Fisheries Committee., 85-13682

### United States. Congress. House. Committee on Science and Technology — Periodicals.

Allocation of budget totals for fiscal year ... : submitted pursuant to section 302(b) of the Congressional Budget Act of 1974 by the Committee on Science and Technology., 85-13685

### United States. Congress. House. Committee on Small Business — Periodicals.

Summary of activities : a report of the Committee on Small Business, House of Representatives, Congress, together with additional views., 85-13687

### United States. Congress. House. Committee on the Judiciary — Periodicals.

Index to reports on private and public bills and resolutions favorably reported by the Committee in the ... Congress showing their status as of the date of final adjournment /, 85-13884

### United States. Congress. House. Committee on Veterans' Affairs — Periodicals.

Activities report of the Committee on Veterans' Affairs, House of Representatives., 85-13688

### United States. Congress. House. Committee on Ways and Means — Periodicals.

Report on legislative review activity during the ... Congress of the Committee on Ways and Means., 85-13686

### United States. Congress. House. Select Committee on Narcotics Abuse and Control — Periodicals.

Annual report for the year ... Select Committee on Narcotics Abuse and Control., 85-13692

### United States. Congress — Officials and employees.

Final report to the Speaker from the House of Representatives Page Board /, 85-13934

### United States. Congress — Rules and practice.

Increase effectiveness of domestic firefighting forces (H.R. 3726); and Con-

- gressional Budget Act Amendments of 1984 (H.R. 5247) : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 3726 ... and H.R. 5247 ... July 26, 1984., 85-13869
- United States. Congress. Senate — Biography — Addresses, essays, lectures.**  
Memorial addresses and other tributes in the Congress of the United States on the life and contributions of Milton R. Young, Ninety-eighth Congress, first session /, 85-13661
- United States. Congress. Senate. Committee on Banking, Housing, and Urban Affairs — Periodicals.**  
Oversight activities of the Committee on Banking, Housing, and Urban Affairs, United States Senate., 85-13672
- United States. Congress. Senate — Rules and practice.**  
Senate manual containing the standing rules, orders, laws, and resolutions affecting the business of the United States Senate : Articles of Confederation and the Constitution of the United States /, 85-13659
- United States. Congress — Term of office.**  
Commencement of terms of office of the President and Members of Congress : hearing before the Subcommittee on the Constitution of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 71 ... April 24, 1984., 85-13893
- United States — Constitutional law — Amendments.**  
Commencement of terms of office of the President and Members of Congress : hearing before the Subcommittee on the Constitution of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 71 ... April 24, 1984., 85-13893
- United States. Defense Logistics Agency. Directorate of Supply Operations — Handbooks, manuals, etc.**  
Hazardous materials : storage and handling pocketbook., 85-12229
- United States. Dept. of Agriculture — Appropriations and expenditures.**  
Agriculture, rural development, and related agencies appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 5743 ..., 85-13776
- United States. Dept. of Agriculture — Auditing and inspection — Periodicals.**  
Semiannual report /, 85-11847
- United States. Dept. of Agriculture. Office of the Inspector General — Periodicals.**  
Semiannual report /, 85-11847
- United States. Dept. of Commerce — Auditing and inspection — Periodicals.**  
Semiannual report to the Congress /, 85-12015
- United States. Dept. of Commerce. Office of the Inspector General — Periodicals.**  
Semiannual report to the Congress /, 85-12015
- United States. Dept. of Defense — Appropriations and expenditures.**  
Department of Defense authorization for appropriations for fiscal year 1985 : hearings before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, on S. 2414 ..., 85-13787
- Military construction appropriations for 1986 : hearings before a subcommittee of the Committee on Appropriations, House of Representatives, Ninety-ninth Congress, first session /, 85-13773
- United States. Dept. of Defense — Management — Handbooks, manuals, etc.**  
Internal control course., 85-12130
- United States. Dept. of Defense — Procurement.**  
DOD's sophisticated munitions : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, September 18, 1984., 85-13867
- Public relations costs charged to DOD contracts : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 25, 1984., 85-13874
- Spare parts legislation : hearing before the Task Force on Selected Defense Procurement Matters of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, S. 2489 ... S. 2571 ... S. 2572 ... May 16, 1984., 85-13789
- United States. Dept. of Defense — Procurement — Handbooks, manuals, etc.**  
D.I.D.S. procedures manual. Vol. 11, Edit/validation criteria, 85-12225
- D.I.D.S. procedures manual. Vol. 14, Reports and statistics, 85-12227
- D.I.D.S. procedures manual. Vol. 16, Remote terminal system, 85-12228
- Defense Integrated Data System DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids., 85-12224
- Defense Integrated Data System DIDS procedures manual. Vol. 11, Edit/validation criteria., 85-12225
- Defense Integrated Data System DIDS procedures manual. Vol. 13, Materiel management decision rule tables., 85-12226
- Defense Integrated Data System DIDS procedures manual. Vol. 14, Reports and statistics., 85-12227
- Defense Integrated Data System DIDS procedures manual. Vol. 16, Remote terminal system., 85-12228
- DIDS procedures manual. Vol. 10, Multiple application references/instructions/tables and grids, 85-12224
- DIDS procedures manual. Vol. 11, Edit/validation criteria, 85-12225
- DIDS procedures manual. Vol. 13, Materiel management decision rule tables, 85-12226
- DIDS procedures manual. Vol. 14, Reports and statistics, 85-12227
- DIDS procedures manual. Vol. 16, Remote terminal system, 85-12228
- Edit/validation criteria, 85-12225
- Materiel management decision rule tables, 85-12226
- Multiple application references/instructions/tables and grids, 85-12224
- Remote terminal system, 85-12228
- Reports and statistics, 85-12227
- United States. Dept. of Defense — Procurement — Periodicals.**  
Prime contract awards by state., 85-12135
- Prime contract awards in labor surplus areas /, 85-12136, 85-12138
- United States. Dept. of Defense — Procurement — Statistics — Periodicals.**  
Prime contract awards in labor surplus areas /, 85-12137, 85-12139
- United States. Dept. of Education — Appropriations and expenditures.**  
An Act Making Appropriations for the Departments of Labor, Health and Human Services, Education, and Related Agencies for the Fiscal Year Ending September 30, 1985, and for Other Purposes., 85-12636
- Departments of Labor, Health and Human Services, Education, and related agencies appropriations for 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 6028/S. 2836 ..., 85-13778

**United States. Dept. of Energy —**

**Appointments, promotions, salaries, etc.**  
Nomination of William W. Hoover to be Assistant Secretary of Energy (Defense Programs) : hearing before the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session ... August 7, 1984., 85-13788

**United States. Dept. of Energy —**

**Appropriations and expenditures.**

Department of Energy research and development programs—fiscal year 1985 : hearings before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on the Department of Energy research and development programs, March 5, 12, 20, 22, April 5, and 24, 1984., 85-13818

Naval nuclear propulsion program—1984 : hearing on H.R. 5263 (H.R. 5395) Department of Energy authorization legislation (national security programs) for fiscal year 1985 before the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, February 28, 1984., 85-13785

**United States. Dept. of Energy —**

**Appropriations and expenditures — Periodicals.**

Congressional budget request., 85-12416

**United States. Dept. of Energy — Energy Conversion and Utilization Technologies Division.**

Industry, university, and research institute interest in the U.S. Department of Energy ECUT Biocatalysis Research Activity, 85-13259

**United States. Dept. of Energy — Officials and employees.**

RIF's at DOE : hearing before the Subcommittee on Oversight and Investigations of the Committee on Energy and Commerce, House of Representatives, Ninety-eighth Congress, second session, September 10, 1984., 85-13834

**United States. Dept. of Health and Human Services — Abstracts.**

Compendium of HHS evaluation studies., 85-12637

**United States. Dept. of Health and Human Services — Appropriations and expenditures.**

An Act Making Appropriations for the Departments of Labor, Health and Human Services, and Education, and Related Agencies for the Fiscal Year Ending September 30, 1985, and for Other Purposes., 85-12636

Departments of Labor, Health and Human Services, Education, and related agencies appropriations for 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 6028/S. 2836 ...., 85-13778

**United States. Dept. of Housing and Urban and Development — Auditing and inspection — Periodicals.**

Office of Inspector General report to the Congress for the six month period ... /, 85-12722

**United States. Dept. of Housing and Urban Development — Periodicals.**

Annual report to Congress. Indian and Alaska native housing and community development programs, 85-12725

Department of Housing and Urban Development annual report to Congress on Indian and Alaska native housing and community development programs., 85-12725

**United States. Dept. of Justice.**

Challenge, change, and achievement : the Department of Justice, 1981-1985 : a report to employees /, 85-12986

**United States. Dept. of Justice — Buildings — Anniversaries.**

The fiftieth anniversary of the U.S. Department of Justice building, 1934-1984 /, 85-12985

**United States. Dept. of Justice. Criminal Division — Periodicals.**

Criminal Division : [annual report] /, 85-12987

**United States. Dept. of Justice —**

**Information services — Handbooks, manuals, etc.**

Library Services handbook., 85-12990

**United States. Dept. of Labor — Appropriations and expenditures.**

An Act Making Appropriations for the Departments of Labor, Health and Human Services, and Education, and Related Agencies for the Fiscal Year Ending September 30, 1985, and for Other Purposes., 85-12636

Departments of Labor, Health and Human Services, Education, and related agencies appropriations for 1985 : hearings before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session, on H.R. 6028/S. 2836 ...., 85-13778

**United States. Dept. of Labor. Office of the Inspector General — Periodicals.**

Semiannual report of the Inspector General /, 85-13011

**United States. Dept. of the Air Force — Supplies and stores.**

Spare parts legislation : hearing before the Task Force on Selected Defense Procurement Matters of the Committee on Armed Services, United States Senate, Ninety-eighth Congress, second session, S. 2489 ... S. 2571 ... S. 2572 ... May 16, 1984., 85-13789

**United States. Dept. of the Interior — Appropriations and expenditures — Periodicals.**

The Interior budget in brief /, 85-12726

**United States. Dept. of the Treasury. Legal Division.**

Attorney careers with the Legal Division., 85-13552

**United States. Dept. of the Treasury. Office of the General Counsel.**

Office of General Counsel : 50th anniversary, 1934-1984., 85-13551

**United States — Diplomatic and consular service — Gambia.**

The Gambia, post report., 85-13532

**United States — Diplomatic and consular service — Liberia.**

Liberia, post report., 85-13533

**United States — Diplomatic and consular service — Nepal.**

Nepal : post report., 85-13534

**United States — Economic conditions — 1945 — Periodicals.**

Economic report of the President transmitted to the Congress., 85-13496, 85-13681

**United States — Economic conditions — 1971 — Periodicals.**

Economic outlook /, 85-13760

**United States — Economic conditions — 1981.**

A Study of the effects on the economy of trading in futures and options /, 85-13766

The 1984 midyear economic outlook : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, July 30 and August 2, 3, and 8, 1984., 85-13805

**United States — Economic conditions — 1981.**

Fact sheet for the Survey of Income and Program Participation., 85-12018

**United States — Economic policy.**

Japanese tax policy : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, September 24, 1984., 85-13807

**United States — Economic policy — Periodicals.**

Economic report of the President transmitted to the Congress., 85-13496, 85-13681

**United States — Economic policy, — 1981.**

Economic development : hearings before the Task Force on Economic Policy and Productivity of the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, October 23 and 26, 1984, Janesville and Racine, WI., 85-13792

**United States — Economic policy — 1981-**

The 1984 midyear economic outlook : hearings before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, July 30 and August 2, 3, and 8, 1984., 85-13805

**United States — Emigration and Immigration.**

Hearings on immigration reform and agricultural guestworkers : hearings before the Subcommittee on Labor Standards of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, hearings held in Washington, D.C., on April 11 and May 3, 1984., 85-13813

**United States — Executive departments — Reorganization.**

Federal organization for technological innovation : hearings before the Subcommittee on Science, Research, and Technology of the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, June 7, 12, 13, 14, 1984., 85-13923

Oversight review of the five-year outlook report on science and technology : hearing before the Committee on Science and Technology, House of Representatives, Ninety-eighth Congress, second session, January 24, 1984., 85-13925

Ratification of reorganization plans : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6225 ... September 20, 1984., 85-13875

Reorganization Act Amendments of 1984., 85-12633

98th Congress hearings : Subcommittee on Rules of the House : hearings before the Subcommittee on Rules of the House of the Committee on Rules, House of Representatives, Ninety-eighth Congress., 85-13918

**United States — Executive departments — Reorganization.**

An Act to Prevent Disruption of the Structure and Functioning of the Government by Ratifying All Reorganization Plans as a Matter of Law., 85-12599

**United States. Extension Service.**

A Catalyst for change : the Extension Service /, 85-11953

**United States. Farmers Home Administration — History.**

A Brief history of Farmers Home Administration /, 85-11972

**United States. Federal Aviation Administration — Directories.**

FAA directory /, 85-13617

Federal Aviation Administration directory, 85-13617

**United States. Federal Aviation**

Administration — Officials and employees — Appointment, qualifications, tenure, etc. Studies of poststrike air traffic control specialist trainees : I., age, biographic factors, and selection test performance related to academy training success /, 85-13618

**United States. Federal Grain Inspection Service — Periodicals.**

Annual report to Congress /, 85-12007

**United States. Federal Trade Commission.**

A Guide to the Federal Trade Commission., 85-12532

**United States. Food and Drug Administration — Administration — Periodicals.**

Blue book, 85-12683

P.M.S. blue book, 85-12683

PMS blue book., 85-12683

**United States — Foreign economic relations — European Economic Community countries — Congresses.**

The United States and Europe : common bonds and differing perspectives : report of the twenty-third meeting of members of Congress and of the European Parliament, January 19-21, 1984, pursuant to H. Res. 981 ..., 85-13849

**United States — Foreign relations — Addresses, essays, lectures.**

Strength and diplomacy : toward a new consensus?, 85-13523

**United States — Foreign relations — Asia, Southeastern — Addresses, essays, lectures.**

South Asia and U.S. foreign policy : December 12, 1984., 85-13521

**United States — Foreign relations — Central America.**

An Act to Implement the Eastern Pacific Ocean Tuna Fishing Agreement, Signed in San Jose, Costa Rica, March 15, 1983., 85-12574

Eastern Pacific Tuna Licensing Act of 1984, 85-12574

Joint session of Congress : message from the President of the United States transmitting his Central America policy., 85-13676

The role of the U.S. Southern Command in Central America : hearing before the Subcommittee on Western Hemisphere Affairs of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, August 1, 1984., 85-13856

**United States — Foreign relations — China.**

Controls on exports to the People's Republic of China : hearing before the Subcommittee on International Economic Policy and Trade of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, first session, November 17, 1983., 85-13850

The United States and China : communication from the speaker transmitting a report to the United States House of Representatives., 85-13678

**United States — Foreign relations — Congresses.**

Science, technology, and foreign affairs /, 85-13524

**United States — Foreign relations — Europe.**

NATO : a time for renewed commitment : report of the Delegation to Northern NATO and the Nordic Region of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session., 85-13783

**United States — Foreign relations — Germany — Addresses, essays, lectures.**

Reflections on East-West Relations : November 27, 1984., 85-13517

**United States — Foreign relations — Nicaragua.**

Misconceptions about U.S. policy toward Nicaragua /, 85-13516

**United States — Foreign relations — Periodicals.**

Foreign relations of the United States /, 85-13515

**United States — Foreign relations — South Africa.**

South Africa legislation : hearings and markup before the Committee on Foreign Affairs and its Subcommittee on

## U.S. Foreign relations South Africa.

Africa, House of Representatives, Ninety-eighth Congress, second session, April 10; August 1; September 6, 1984, on H. Res. 430, H. Con. Res. 122, H. Con. Res. 42., 85-13855

U.S. policy on South Africa : hearing before the Subcommittee on African Affairs of the Committee on Foreign Relations, United States Senate, Ninety-eighth Congress, second session, September 26, 1984., 85-13861

### United States — Foreign relations — Soviet Union.

Salt II violations : hearing before a subcommittee of the Committee on Appropriations, United States Senate, Ninety-eighth Congress, second session : special hearing, Department of Defense, nondepartmental witnesses., 85-13775

### United States — Foreign relations — Soviet Union — Addresses, essays, lectures.

Geneva and beyond : new arms control negotiations : January 14, 1984., 85-13522

The Stockholm conference : a report on the first year : December 3, 1984., 85-13518

### United States — Foreign relations — Vietnam.

Advice and support., 85-12335

### United States — Foreign relations — 1945 — Periodicals.

Implementation of Helsinki Final Act /, 85-13536

### United States. Forest Service.

A Guide to the Forest Service Appeal Regulation (36 CFR 211.18)., 85-11889

The legal system, the U.S. Forest Service, and human-caused wild fires /, 85-11898

### United States. Forest Service. Northern Region — Maps.

National Forests, Northern Region, 1981 /, 85-11886

### United States. General Services Administration — Management.

General Services Administration management initiatives to increase competition within the federal supply schedule : hearing before a subcommittee on the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, August 9, 1984., 85-13871

United States. General Services Administration. Office of Software Development and Information Technology. Office of Software Development and Information Technology., 85-12553

United States — Government publications. Reference sources., 85-12047

### United States — Government publications — Bibliography.

Popular names of U.S. Government reports : a catalog /, 85-13022

### United States — Government publications — Bibliography — Periodicals.

Index to information., 85-13490

### United States. Health Resources and Services Administration — Officials and employees.

HRSA significant employment profile highlights., 85-12715

### United States — History, Naval — Bibliography — Catalogs.

United States naval history., 85-12549

### United States. Immigration and Naturalization Service — Appropriations and expenditures.

Fiscal year 1985 budget authorization of Immigration and Naturalization Service : hearing before the Subcommittee on Immigration and Refugee Policy of the Committee on the Judiciary, United States Senate, Ninety-eighth Congress, second session ... March 13, 1984., 85-13895

### United States — Industries — Periodicals.

U.S. industrial outlook., 85-12123

US industrial outlook, 85-12123

### United States. Internal Revenue Service.

Imputed interest rules : hearing before the Subcommittee on Taxation and Debt Management of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, August 3, 1984., 85-13837

IRS compliance procedures : hearing before the Subcommittee on Tax, Access to Equity Capital, and Business Opportunities of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, October 3, 1984., 85-13930

### United States. Internal Revenue Service — Officials and employees.

Arbitration handbook., 85-13561

### United States. Interstate Commerce

Commission — Appointments, promotions, salaries, etc.

Nominations—ICC : hearing before the Committee on Commerce, Science, and Transportation, United States Senate, Ninety-eighth Congress, second session, on J.J. Simmons III, Paul H. Lamboley, and Andrew John Strenio, Jr., to be commissioners, Interstate Commerce Commission, August 6, 1984., 85-13800

### United States. Joint Financial Management Improvement Program.

The Proceedings of the Thirteenth Annual Financial Management Conference : Financial management reform : where we are and where we're headed., 85-13497

### United States — Manufactures — Statistics.

1982 census of manufactures. Preliminary report. Industry series. Children's outerwear, N.E.C. (industry 2369)., 85-12027

1982 census of manufactures. Preliminary report. Industry series. Construction machinery (industry 3531)., 85-12032

1982 census of manufactures. Preliminary report. Industry series. Finishing mills, N.E.C. (industry 2269)., 85-12025

1982 census of manufactures. Preliminary report. Industry series. Meat packing plants, sausages and other prepared meats (industries 2011 and 2013)., 85-12023

1982 census of manufactures. Preliminary report. Industry series. Men's and boys' clothing, N.E.C. (industry 2329)., 85-12026

1982 census of manufactures. Preliminary report. Industry series. Nonferrous wire drawing and insulating (industry 3357)., 85-12031

1982 census of manufactures. Preliminary report. Industry series. Petroleum refining, lubricating oils and greases (industries 2911 and 2992)., 85-12029

1982 census of manufactures. Preliminary report. Industry series. Pressed and blown glass, N.E.C. (industry 3229)., 85-12030

1982 census of manufactures. Preliminary report. Industry series. Tanks and tank components (industry 3795)., 85-12033

1982 census of manufactures. Preliminary report. Industry series. Waterproof outer garments (industry 2385)., 85-12028

1982 census of manufactures. Preliminary report. Industry series. Weaving mills, manmade fiber and silk (industry 2221)., 85-12024

1982 census of manufactures. Preliminary report. Subject series. Textile machinery in place (major group 22)., 85-12034

### United States. Marine Corps — Handbooks, manuals, etc.

Standard "B" ration for the armed forces., 85-12266

### United States. Merit Systems Protection Board.

Blowing the whistle in the federal government : a comparative analysis of 1980 and 1983 survey findings : a

report of the U.S. Merit Systems Protection Board, Office of Merit Systems Review and Studies., 85-13030

**United States. Merit Systems Protection Board. Office of the Special Counsel.**  
The role of the Office of Special Counsel., 85-13029

**United States. Minerals Management Service — Management.**

Federal minerals royalty management : an analysis of problem areas related to the management of the federal minerals royalty management program by the Minerals Management Service of the Department of Interior with recommended solutions : a report /, 85-13881

**United States. National Advisory Council on Adult Education — Periodicals.**  
The ... annual report to the President of the United States of the National Advisory Council on Adult Education., 85-13697

Opening doors for success, 85-13697

**United States. National Aeronautics and Space Administration — Appointments, promotions, salaries, etc.**  
Daring what others dream., 85-13031

**United States. National Aeronautics and Space Administration — Appropriations and expenditures.**

National Aeronautics and Space Administration Authorization Act : report (to accompany H.R. 5154), 85-13667

**United States. National Archives and Records Service. Cartographic and Architectural Branch.**  
Cartographic and Architectural Branch., 85-12557

**United States. National Bureau of Standards — Bibliography — Catalogs.**  
National Bureau of Standards special publications., 85-12550

**United States. National Commission on Agricultural Trade and Export Policy.**  
To establish a National Commission on Agricultural Trade and Export Policy : hearing before the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, on S.J. Res. 319 ... August 3, 1984., 85-13878

**United States. National Guard Bureau.**  
12 questions veterans ask about joining the Army National Guard., 85-12230

**United States — National security — Congresses.**

The United States and Europe : common bonds and differing perspectives : report of the twenty-third meeting of members of Congress and of the Euro-

pean Parliament, January 19-21, 1984, pursuant to H. Res. 981 ..., 85-13849

**United States. National Technical Information Service. — Bibliography.**  
NTIS abstract newsletters., 85-12095

**United States. Naval Education and Training Command — Handbooks, manuals, etc.**  
Personnel qualification standard for C-2A aircraft : qualification section 6, utility, environmental, safety., 85-12349

**United States. Navy.**  
Naval nuclear propulsion program—1984 : hearing on H.R. 5263 (H.R. 5395) Department of Energy authorization legislation (national security programs) for fiscal year 1985 before the Procurement and Military Nuclear Systems Subcommittee of the Committee on Armed Services, House of Representatives, Ninety-eighth Congress, second session, February 28, 1984., 85-13785

**United States. Navy — Apprentices.**  
The Co-operative education program : a career opportunity for you., 85-12363

The (Pre) co-operative education program : a career opportunity for you., 85-12364

**United States. Navy — Aviation fire control technicians.**  
Fire control technician B 3 & 2., 85-12347

**United States. Navy. Civil Engineer Corps.**  
The Navy Civil Engineer Corps., 85-12359

**United States. Navy. Civil Engineer Corps — Vocational guidance.**  
Navy Civil Engineer Corps : ready reserve opportunities., 85-12360

**United States. Navy — Handbooks, manuals, etc.**  
Improving your navy reading skills /, 85-12345

Personnel qualification standard for BB-61 class engineering qualification section 9, auxiliary., 85-12354

Personnel qualification standard for C-2A aircraft : qualification section 5, electrical., 85-12348

Personnel qualification standard for FF-1052 class command and control qualification section 4, weapons control., 85-12351

Personnel qualification standard for H-1 helicopter qualification section 5 electrical., 85-12356

Personnel qualification standard for MK-37 gunfire control system (GFCS), 85-12355

Personnel qualification standard for MK-68 gunfire control system (GFCS), 85-12352

Personnel qualification standard for ships' maintenance and material management (3-M) systems., 85-12350

Personnel qualification standard for surface electronic warfare operations., 85-12353

Standard "B" ration for the armed forces., 85-12266

**United States. Navy — History — Bibliography — Catalogs.**  
United States naval history., 85-12549

**United States. Navy — Officers.**  
Curriculum for Naval Junior Reserve Office Training Corps (NJROTC), NSI-IV, drills, commands, and ceremonies., 85-12344

**United States. Navy — Personnel management.**  
Command assessor team manual., 85-12358

**United States. Navy — Recruiting, enlistment, etc.**  
The Co-operative education program : a career opportunity for you., 85-12363

The (Pre) co-operative education program : a career opportunity for you., 85-12364

**United States. Navy — Seamen's handbooks.**  
Seamanship : officer correspondence course., 85-12357

**United States. Navy — Weapons systems.**  
Personnel qualification standard for FF-1052 class command and control qualification section 4, weapons control., 85-12351

**United States. Occupational Safety and Health Administration.**  
OSHA hearings—state staffing levels and OSHA hazard communication standards : hearings before the Subcommittee on Health and Safety of the Committee on Education and Labor, House of Representatives, Ninety-eighth Congress, second session, on H.J. Res. 319 ... and H.J. Res. 514 ..., hearings held in Washington, DC, on June 6, 26, 1984., 85-13817

**United States. Office of Disease Prevention and Health Promotion.**  
An Act to Revise and Extend Provisions of the Public Health Service Act Relating to Health Promotion and Disease Prevention, to Provide for the Establishment of Centers for Research and Demonstrations Concerning Health Promotion and Disease Prevention, and for Other Purposes., 85-12605

**United States. Office of Personnel Management — Bibliography — Periodicals.**  
Index to information., 85-13490

**United States — Officials and employees — Appointment, qualifications, tenure.**  
Placement programs for displaced federal employees : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, October 2, 1984., 85-13914

**United States — Officials and employees — Dismissal of.**  
Fair Reduction in Force Practices Act of 1984 : hearing before the Subcommittee on Human Resources of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, on H.R. 6080 ... September 13, 1984., 85-13912

**United States — Officials and employees — Massachusetts — Boston.**  
Problem of delays in processing Federal Employees' Compensation Act (FECA) claims at the Boston District Office of Workers' Compensation Programs : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, October 12, 1984., 85-13868

**United States — Officials and employees — Statistics — Periodicals.**  
Affirmative employment statistics., 85-13487

**United States — Officials and employees in foreign countries.**  
An Act to Amend the Panama Canal Act of 1979 to Authorize Quarters Allowances for Certain Employees of the Department of Defense Serving in the Area Formerly Known as the Canal Zone., 85-12624

**United States. Patent and Trademark Office — Periodicals.**  
Commissioner of Patents and Trademarks annual report /, 85-12091

**United States — Public buildings — Directories.**  
Detailed listing of real property owned by the United States and used by civil agencies throughout the world as of ..., 85-12554

**United States. Public Health Service.**  
The Public Health Service commissioned officers orientation guide, 1984., 85-12648

**United States. Public Health Service. Commissioned Corps.**  
A supervisor's guide to the commissioned personnel system., 85-12647

**United States — Public lands.**  
Act Providing for the Conveyance of Public Lands, Seneca County, Ohio, 85-12621

An Act to Designate Certain National Forest Lands in the State of Arizona as Wilderness, and for Other Purposes., 85-12573

An Act to Designate Certain National Forest Systems Lands in the State of Arkansas for Inclusion in the National Wilderness Preservation System, and for Other Purposes., 85-12588

Amending the National Historic Preservation Act; miscellaneous conveyances; fee exemptions; and assistance to volunteer groups : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on H.R. 2889 ... H.R. 2982 ... S. 2692 ... H.R. 2838 ... June 28, 1984., 85-13820

Arizona Wilderness Act of 1984, 85-12573

Arkansas Wilderness Act of 1984, 85-12588

Conveyance of public lands, Seneca County, Ohio., 85-12621

Withdraw and reserve certain public lands for military purposes : hearing before the Subcommittee on Public Lands and Reserved Water of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2657 ... S. 2658 ... S. 2659 ... S. 2660 ... S. 2661 ... S. 2662 ... August 8, 1984., 85-13821

**United States — Public lands — Directories.**  
Detailed listing of real property owned by the United States and used by civil agencies throughout the world as of ..., 85-12554

**United States — Public lands — Periodicals.**  
Administration of the Wild Free-Roaming Horse and Burro Act, 85-12733

CFR. 43, Public lands, interior, 85-12564

Code of Federal regulations. 43, Public lands, interior., 85-12564

Public lands, interior., 85-12564

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

**United States — Public works.**  
Public Works Improvement Act of 1984., 85-12582

**United States. Secret Service.**  
Amendment of Title 18 of the U.S. code., 85-12617

**United States. Securities and Exchange Commission — Periodicals.**  
Annual report, 85-13542

Annual report of the Securities and Exchange Commission for the fiscal year ended ..., 85-13542

**United States. Small Business Administration — Data processing — Planning.**  
Small Business Administration's computer systems : hearing before the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, June 27, 1984., 85-13927

**United States. Small Business Administration — Directories.**  
The small business answer desk directory., 85-13537

**United States. Small Business Administration — Management.**  
Small Business Administration's computer systems : hearing before the Subcommittee on General Oversight and the Economy of the Committee on Small Business, House of Representatives, Ninety-eighth Congress, second session, Washington, DC, June 27, 1984., 85-13927

**United States. Soil Conservation Service.**  
Assistance available from the Soil Conservation Service., 85-11857

**United States — Statistics, Vital — Periodicals.**  
Vital statistics of the United States., 85-12691

**United States. Supreme Court.**  
Rules Enabling Act : hearings before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first and second sessions, on oversight and H.R. 4144 ... April 21, 1983, and March 1, 1984., 85-13890

**United States. Supreme Court — Bibliography — Catalogs.**  
United States reports., 85-12539

**United States. Task Force on Organ Transplantation.**  
An Act to Provide for the Establishment of the Task Force on Organ Transplan-

tation and the Organ Procurement and Transplantation Network, to Authorize Financial Assistance for Organ Procurement Organizations, and for Other Purposes., 85-12587

#### United States. Veterans Administration.

VA reaches out to veterans in business : could you use a multibillion dollar customer?, 85-13649

Veterans' Administration health care amendments of 1984 : hearing before the Committee on Veterans' Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2210, S. 2269, amendment no. 2850 to S. 2269, S. 2278, S. 2514, and related bills, April 11, 1984., 85-13938

#### United States. Veterans Administration — Equipment and supplies — Catalogs.

Supply catalog., 85-13648

#### United States. Veterans Administration. Information Technology Center — Catalogs.

ITC resources catalogue., 85-13645

#### United States. Veterans Administration — Security measures.

Veterans' Health Care Act of 1984., 85-12597

#### United States Air Force Academy.

Welcome to the United States Air Force Academy., 85-12412

#### United States Commission on Civil Rights — Directories — Telephone.

Telephone directory., 85-12127

#### United States Information Agency.

Addendum to oversight of the U.S. Information Agency : hearings before the Subcommittee on International Operations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, May 10 and 15, 1984., 85-13853

#### United States marshals.

Witness Protection Act : hearing before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3086 ... June 22, 1983., 85-13891

#### United States Postal Service. Customer Services Dept. — Directories — Telephone.

Customer services national telephone directory., 85-13477

#### United States Postal Service — Directories — Telephone.

Customer services national telephone directory., 85-13477

#### United States Postal Service — Officials and employees.

EEO : USPS' commitment towards fulfillment of career goals = EEO : el compromiso del Servicio Postal para cumplir los objetivos profesionales : equal employment opportunity in the United States Postal Service., 85-13476

#### United States Postal Service — Reorganization.

Status of U.S. postal service : joint hearings before the Subcommittee on Postal Operations and Services and the Subcommittee on Postal Personnel and Modernization of the Committee on Post Office and Civil Service, House of Representatives, Ninety-eighth Congress, second session, September 25, 26, 1984., 85-13915

#### Universities and colleges — United States — Alumni.

Careering after college : establishing the validity of abilities learned in college for later careering and professional performance : final report to the National Institute of Education : overview and summary /, 85-12458

#### Universities and colleges — United States — Curricula.

Careering after college : establishing the validity of abilities learned in college for later careering and professional performance : final report to the National Institute of Education : overview and summary /, 85-12458

#### Universities and colleges — United States — Finance — Periodicals.

Academic science/engineering. R & D funds., 85-13474

#### University of Iowa. Dept. of Physics and Astronomy.

Research in space physics at the University of Iowa : annual report for 1982, 85-13442

#### Upper air temperature — Colorado — Fraser Experimental Forest.

Effects of weather and physiographic conditions on temperature and humidity in subalpine watersheds of the Fraser Experimental Forest /, 85-11904

#### Uranium industry — United States.

Review of the status of the U.S. domestic uranium mining and milling industry : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session ... September 12, 1984., 85-13822

#### Uranium mines and mining — Government policy — United States.

Review of the status of the U.S. domestic uranium mining and milling industry : hearing before the Subcommittee on Energy Research and Development of the Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session ... September 12, 1984., 85-13822

#### Urban policy — United States.

The President's 1984 national urban policy report : hearing before the Subcommittee on Investment, Jobs, and Prices of the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 20, 1984., 85-13804, 85-13808

#### Urban poor — United States.

In-kind benefits and the nonmetro poor /, 85-12001

#### Urban runoff — Colorado — Denver.

Analysis of urban storm-runoff data and the effects on the South Platte River, Denver metropolitan area, Colorado /, 85-12791

#### Urban transportation.

Development/deployment investigation of Cabintaxi/Cabinlift system /, 85-13626

#### Urban transportation policy — United States.

Review of the 10-percent set-aside program section 105 (f) of the Surface Transportation Assistance Act of 1982 : hearing before the Subcommittee on SBA and SBIC Authority, Minority Enterprise, and General Small Business Problems of the Committee on Small Business, House of Representatives, Ninety-seventh Congress, second session, Washington, D.C., September 19, 1984., 85-13932

#### Urinary organs — Diseases — Research — United States — Periodicals.

Kidney & urinary tract diseases and treatment /, 85-12676

NIADDK research advances, 85-12676

NIAMDD research advances, 85-12676

#### Utah — Maps.

Map showing outcrops of thick, dominantly argillaceous sedimentary and metasedimentary rocks, basin and range province, Utah /, 85-12787

Map showing selected surface-water data for the Huntington 30 x 60-minute quadrangle, Utah /, 85-12892

Map showing selected surface-water data for the Manti 30 x 60-minute quadrangle, Utah /, 85-12889

## Utah Maps.

Map showing selected surface-water data for the Nephi 30 x 60-minute quadrangle, Utah /, 85-12890

Map showing selected surface-water data for the Price 30 x 60-minute quadrangle, Utah /, 85-12891

Maps showing distribution of dissolved solids and dominant chemical type in ground water basin and range province, Utah /, 85-12786

Maps showing ground-water levels, springs, and depth to ground waters, basin and range province, Utah /, 85-12785

## V

### Vaccination — Periodicals.

Health information for international travel., 85-12698

### Vaccines.

Solar photovoltaic powered refrigerators/freezers for medical use in remote geographic locations, 85-13159

### Value-added tax — United States.

State of the U.S. automobile industry : hearing before the Subcommittee on International Trade of the Committee on Finance, United States Senate, Ninety-eighth Congress, second session, June 27, 1984., 85-13836

### Vanadium — Maps.

Map showing the distribution and abundance of molybdenum, tin, and vanadium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12799

### Vapor-liquid equilibrium.

A review of supercritical fluid extraction /, 85-12087

### Vatican City — Description and travel.

Background notes, Vatican City., 85-13531

### Vector analysis.

Vector wind gust model, 85-13169

### Vegetable gardening — Tropics.

Growing food in containers in the Tropics /, 85-11969

### Vegetation and climate — United States.

Laboratory measurements of parameters affecting wet deposition of methyl iodide /, 85-13745

### Vehicles, Military — United States.

New equipment data., 85-12330

### Vehicles, Military — United States —

Handbooks, manuals, etc.  
Equipment improvement report and maintenance digest (US Army Tank-Automotive Command) material han-

dling equipment (Jan thru June - 1st half CY 84), 85-12293

Load-testing vehicles used to handle missiles and rockets, medium wrecker M62, medium wrecker truck M543 series, and M816, and wrecker-truck tractor M246 series, and M819., 85-12275

### Veneral diseases — United States.

VD interchange., 85-12702

### Vertically rising aircraft — Aerodynamics.

A numerical study of the controlled flow tunnel for a high lift model, 85-13152

Optimal symmetric flight with an intermediate vehicle model, 85-13211

### Veterans — Employment — United States.

Veterans : your past experience is worth more to you now., 85-12305

### Veterans — Legal status, laws, etc. —

United States.

Veterans' Administration health care amendments of 1984 : hearing before the Committee on Veterans' Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2210, S. 2269, amendment no. 2850 to S. 2269, S. 2278, S. 2514, and related bills, April 11, 1984., 85-13938

### Veterans — Legal status, laws, etc. —

United States — Periodicals.

Activities report of the Committee on Veterans' Affairs, House of Representatives., 85-13688

### Veterans — Medical care — Law and

legislation — United States.

Veterans' Health Care Act of 1984., 85-12597

### Veterans — Medical care — United States.

Alternative Medical Liability Act : hearing before the Subcommittee on Health of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5400 ... June 28, 1984., 85-13940

Veterans' Administration health care amendments of 1984 : hearing before the Committee on Veterans' Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2210, S. 2269, amendment no. 2850 to S. 2269, S. 2278, S. 2514, and related bills, April 11, 1984., 85-13938

### Veterans — Training of — Law and

legislation — United States.

An Act to Amend Title 38, United States Code, to Increase the Rates of Disability Compensation for Disabled Veterans and of Dependency and Indemnity Compensation for Surviving Spouses and Children of Veterans, to Increase the Rates of Subsistence and Educa-

tional Assistance Allowances ....., 85-12602

Veterans' Benefits Improvement Act of 1984, 85-12602

### Veterans — United States.

An American sunrise : the Vietnam Veterans Leadership Program : a history of ACTION's three-year veteran's initiative : technical report /, 85-12011, 85-12012

### Veterans — United States — Societies, etc.

— Directories.

Directory of veterans organizations., 85-13650

### Veterans — United States — Statistics.

Interstate migration of the older veteran population : 1975 to 1980., 85-13651

### Veterans, Disabled — United States —

Transportation.

Veterans' Administration health care amendments of 1984 : hearing before the Committee on Veterans' Affairs, United States Senate, Ninety-eighth Congress, second session, on S. 2210, S. 2269, amendment no. 2850 to S. 2269, S. 2278, S. 2514, and related bills, April 11, 1984., 85-13938

### Veterinary medicine — United States.

Emergency programs : READEO : Regional Emergency Animal Disease Eradication Organization., 85-12005

### Veto — United States.

Veto of H.R. 1362 : message from the President of the United States vetoing H.R. 1362, a bill for the relief of Joseph Karel Hasek., 85-13679

### Vibration (Aeronautics)

NASTRAN forced vibration analysis of rotating cyclic structures, 85-13362

### Victims of crimes — United States —

Addresses, essays, lectures.

The National crime survey : working papers /, 85-13006

### Victims of crimes surveys — United States.

The National crime survey : working papers /, 85-13006

### Vietnam — Foreign relations — United

States.

Advice and support., 85-12335

### Vietnam — History — 20th century.

Advice and support., 85-12335

### Vietnam — History, Military.

Advice and support., 85-12335

### Violence — United States.

Violence and abuse in American families : hearing before the Select Committee on Children, Youth, and Families,

## Subject Index

House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 14, 1984., 85-13793

#### Violence in mass media — United States.

Crime and violence in the media : hearing before the Subcommittee on Crime of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session ... April 13, 1983., 85-13885

#### Violence in television — United States.

Crime and violence in the media : hearing before the Subcommittee on Crime of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session ... April 13, 1983., 85-13885

#### Violent crimes — United States — Addresses, essays, lectures.

The National crime survey : working papers /, 85-13006

#### Virtual computer systems — Mathematical models.

Investigation, development, and evaluation of performance proving for fault-tolerant computers, 85-13150

#### Viscoelasticity.

Nonlinear viscoelastic characterization of structural adhesives, 85-13193

#### Viscoplasticity.

A computer program for predicting nonlinear uniaxial material responses using viscoplastic models, 85-13060

#### Visual perception — Testing.

Instrumentation considerations in research involving eye-movement contingent stimulus control /, 85-12452

#### \*Vital Statistics — United States

Vital statistics of the United States., 85-12691

#### Vocational education — Law and legislation — United States.

An Act to Amend the Vocational Education Act of 1963 to Strengthen and Expand the Economic Base of the Nation, Develop Human Resources, Reduce Structural Unemployment, Increase Productivity ..., 85-12596

Carl D. Perkins Vocational Education Act, 85-12596

#### Vocational education — United States.

Educational technology in voc ed /, 85-12435

Influences on secondary and postsecondary vocational-technical student time on task /, 85-12430

A policy analysis of professional development and personnel preparation for

serving special populations /, 85-12429

Secondary vocational education : imperative for excellence /, 85-12431

A society based on work /, 85-12432

Training for a technological world /, 85-12434

Transcripts III technical report /, 85-12436

Vocational education and youth employment /, 85-12440

Vocational instructional program advisory committee resource guide /, 85-12427

Vocational rehabilitation in employment training /, 85-12437

Volunteers and voc ed /, 85-12438

#### Vocational education — United States — Congresses.

Proceedings, Vocational Education and Defense Preparedness Seminar : September 29-October 1, 1982 /, 85-12451

#### Vocational education — United States — Finance.

An analysis of fiscal policy alternatives for serving special populations in vocational education /, 85-12428

#### Vocational rehabilitation — United States.

A policy analysis of professional development and personnel preparation for serving special populations /, 85-12429

Teaching severely handicapped students to perform meaningful work in non-sheltered vocational environments : draft /, 85-12455

Vocational rehabilitation in employment training /, 85-12437

#### Vocational teachers — United States.

Strategy for technological update of vocational/ technical teachers /, 85-12433

#### Volcanic activity prediction.

Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 /, 85-12734

#### Volcanic ash, tuff, etc. — Arizona — Maps.

Map showing outcrops of pre-quaternary ash-flow tuffs and volcaniclastic rocks, basin and range province, Arizona /, 85-12755

#### Volcanic ash, tuff, etc. — California — Maps.

Map showing outcrops of pre-quaternary ash-flow tuffs, basin and range province, Southern California /, 85-12763

#### Volcanic ash, tuff, etc. — Idaho — Maps.

Map showing outcrops of granitic rocks, ash-flow tuff, and laharc breccia, basin

and range province, Idaho /, 85-12767

#### Volcanic ash, tuff, etc. — Oregon.

Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835

#### Volcanic ash, tuff, etc. — Oregon — Maps.

Map showing outcrops of granitic rocks and pre-quaternary ash-flow tuffs, basin and range province, Oregon /, 85-12780

#### Volcanic ash, tuff, etc. — Washington (State)

Tertiary volcanic and intrusive rocks on the Oregon and Washington continental shelf, 85-12835

#### Volcanism.

Investigation of forestry resources and other remote sensing data, 85-13419

#### Volcanoes — Azores — Maps.

Preliminary geologic map of Furnas Volcano, Sao Miguel, Azores, 85-12815

#### Volcanoes — Hawaii.

Magma supply and storage at Kilauea Volcano, Hawaii, 1956-1983 /, 85-12734

#### Volcanoes — Washington (State)

Eruptions of Mount St. Helens : past, present, and future /, 85-12735

#### Voltage regulators.

Effects of voltage control in utility interactive dispersed storage and generation systems, 85-13318

Low-frequency switching voltage regulators for terrestrial photovoltaic systems, 85-13050

#### Voltage regulators — Calibration.

Calibration procedure for automotive generator and voltage regulator test sets (general), 85-12276

#### Voltmeter — Calibration.

Calibration procedure for electronic voltmeters AN/URM-145 (Boonton, model 91CA), AN/URM-145A, AN/URM-145B, AN/URM-145C, AN/URM-145D/U, and RF voltmeters, Boonton, models 91C, 91CA-S4, 91DA, 91H, and 91HR., 85-12283

#### Volunteer workers in rehabilitation — United States.

An American sunrise : the Vietnam Veterans Leadership Program : a history of ACTION's three-year veteran's initiative : technical report /, 85-12011, 85-12012

#### Volunteer workers in social service — United States.

An American sunrise : the Vietnam Veterans Leadership Program : a history

of ACTION's three-year veteran's initiative : technical report /, 85-12011, 85-12012

**Vortex-motion — Computer programs.**

Production version of the extended NASA-Langley Vortex Lattice FORTRAN Computer Program, 85-13046

**W**

**Wages — Construction workers — United States.**

Regulations, part 5 : labor standards provisions applicable to contracts covering federally financed and assisted construction : title 29, part 5 of the Code of Federal Regulations., 85-13016

**Wages — Indiana — Indianapolis Metropolitan Area — Statistics — Periodicals.**

Area wage survey. Indianapolis, Indiana, metropolitan area /, 85-13014

Indianapolis, Indiana, metropolitan area, 85-13014

**Wages — Minimum wage — United States.**

Youth employment and the minimum wage : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 27, 1984., 85-13810

**Wages — Ohio — Cleveland Metropolitan Area — Statistics — Periodicals.**

Area wage survey. Cleveland, Ohio, metropolitan area /, 85-13013

Cleveland, Ohio, metropolitan area, 85-13013

**Wages — Ohio — Columbus Metropolitan Area — Statistics — Periodicals.**

Area wage survey. Columbus, Ohio, metropolitan area /, 85-13015

Columbus, Ohio, metropolitan area, 85-13015

**Wakes (Aerodynamics)**

Analysis of noise measured from a propeller in a wake /, 85-13464

**Wallops Flight Facility.**

Facilities for meteorological research at the NASA Goddard/Wallops Flight Facility, 85-13083

**Wallowa National Forest (Or.)**

Campground information : Wallowa-Whitman National Forest., 85-11881

**Walls.**

Racking performance of light-frame walls sheathed on two sides /, 85-11892

**Washington (D.C.) — Airports.**

Washington Dulles International Airport : report (to accompany S. 2483)., 85-13666

**Washington (D.C.) — Politics and government.**

D.C. judges and independent counsel : hearings and markups before the Subcommittees on Fiscal Affairs and Health, Judiciary and Education and the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on H. R. 3655 ... H.R. 3920 ... H.R. 4146 ... H.R. 4371 ... H.R. 5279 ... H.R. 5636 ... H.R. 5951 ... H.R. 5379 and H.R. 6007 ... September 20, 28, 29, and November 17, 1983; May 2, June 14, 28, and July 24, 25, 1984., 85-13803

**Washington (D.C.) — Public buildings.**

Transfer of D.C. Employment Security Building : hearing before the Subcommittee on Fiscal Affairs and Health of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3707 ... October 25, 1983., 85-13802

**Washington Dulles International Airport.**

Washington Dulles International Airport : report (to accompany S. 2483)., 85-13666

**Washington Metropolitan Area Transit Authority.**

Washington Metropolitan Area Transit Authority : oversight hearings and markup before the Subcommittee on Government Operations and Metropolitan Affairs of the Committee on the District of Columbia, House of Representatives, Ninety-eighth Congress, first and second sessions, on bus reliability ... and H.R. 4810 ... February 8, November 16, 1983; and May 3, 1984., 85-13801

**Waste disposal in the ground —**

**Environmental aspects — Kentucky — Boone County.**

Comparison of leachate characteristics from selected municipal solid waste test cells /, 85-12492

**Waste disposal in the ground —**

**Environmental aspects — United States.**

Use of short-term bioassays to evaluate environmental impact of land treatment of hazardous industrial waste /, 85-12494

**Waste disposal in the ocean — United States.**

Incineration of hazardous wastes at sea : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, July 12, 1984., 85-13877

**Waste disposal in the ocean — United States — Periodicals.**

Report to the Congress on ocean pollution, monitoring and research : submitted in compliance with sections 201 and 202, Title II of the Marine Protection, Research, and Sanctuaries Act of 1972 (Public Law 92-532)., 85-12100

**Waste disposal sites — United States.**

Hazardous waste sites : descriptions of 244 sites on proposed update #2 to national priorities list, October 1984., 85-12479

**Waste products as road materials —**

**Mississippi — Jackson County.**

The use of fly ash in highway construction /, 85-13600

**Water — Analysis.**

EPA method study 16, method 606, phthalate esters /, 85-12502

Technical support manual : waterbody surveys and assessments for conducting use attainability analyses., 85-12525

**Water — Dissolved oxygen.**

Comparison of results of United States and Soviet dissolved oxygen measurements in water by the Winkler method /, 85-12098

**Water — Distribution.**

Water purification, distribution and sewage disposal for Peace Corps volunteers /, 85-13485

**Water — Pollution — Louisiana.**

Conceptual development of a toxic screening model /, 85-12518

**Water — Pollution — United States —**

**Bibliography — Catalogs.**

Water pollution and water resources., 85-12540

**Water — Purification.**

Internal control review report on the municipal wastewater treatment works construction grants program /, 85-12519

Water purification, distribution and sewage disposal for Peace Corps volunteers /, 85-13485

**Water — Purification — Filtration.**

Water filtration at Duluth /, 85-12489

**Water, Underground — Utah — Maps.**

Maps showing ground-water units and withdrawal, basin and range province, Utah /, 85-12784

**Water, Underground — Arizona — Maps.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Arizona /, 85-12751

Maps showing ground-water units and withdrawal, basin and range province, Arizona /, 85-12750

**Water, Underground — Arkansas River Watershed.**

Water-resources appraisal of the upper Arkansas River basin from Leadville to Pueblo, Colorado /, 85-12749

**Water, Underground — California — Santa Barbara.**

Ground-water monitoring at Santa Barbara, California : phase 2-effects of pumping on water levels and on water quality in the Santa Barbara Ground-water basin /, 85-12738

**Water, Underground — California, Northern — Maps.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, northern California /, 85-12758

Maps showing ground-water units and withdrawal, ground-water levels, springs, and depth to ground waters, basin and range province, Northern California /, 85-12757

**Water, Underground — California, Southern — Maps.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, southern California /, 85-12761

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Southern California /, 85-12760

Maps showing ground-water units and withdrawal, basin and range province, Southern California /, 85-12759

**Water, Underground — Colorado.**

Water-resources appraisal of the upper Arkansas River basin from Leadville to Pueblo, Colorado /, 85-12749

**Water, Underground — Florida — Maps.**

Potentiometric surface of the Floridan aquifer Southwest Florida Water Management District, September 1983, 85-12821

**Water, Underground — Florida — Sumter County — Maps.**

Potentiometric surface of the Floridan aquifer in central Sumter County, Florida, May 1983, 85-12818

**Water, Underground — Idaho.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Idaho /, 85-12766

**Water, Underground — Idaho — Maps.**

Maps showing ground-water units, ground-water levels, springs, and depth to ground waters, basin and range province, Idaho /, 85-12765

**Water, Underground — Illinois.**

Hydrogeologic setting east of a low-level radioactive-waste disposal site near Sheffield, Illinois /, 85-12792

**Water, Underground — Michigan — Marquette County.**

Hydrogeology and effects of tailings basins on the hydrology of Sands Plain, Marquette County, Michigan /, 85-12790

**Water, Underground — Nebraska.**

Appraisal of data for ground-water quality in Nebraska /, 85-12742

Hydrologic characteristics of Nebraska soils /, 85-12739

**Water, Underground — Nevada — Maps.**

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Nevada /, 85-12775

**Water, Underground — New Mexico — Maps.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, New Mexico /, 85-12771

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, New Mexico /, 85-12770

Maps showing ground-water units and withdrawal, basin and range province, New Mexico /, 85-12769

**Water, Underground — Oregon — Maps.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Oregon /, 85-12779

Maps showing ground-water levels, springs, and depth to ground-water, basin and range province, Oregon /, 85-12778

Maps showing ground-water units and number of large capacity wells basin and range province, Oregon /, 85-12777

**Water, Underground — Pollution — Mathematical models.**

Simulation of groundwater flow and contaminant transport using the deterministic-probabilistic contaminant transport (DPCT) model /, 85-13720

**Water, Underground — Pollution — Northwestern States.**

Review of ground water contamination and depletion problems in the North-

**Water, Underground Utah Maps.**

west : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, November 28, 1983., 85-13872

**Water, Underground — Pollution — United States.**

Progress in evaluation of radionuclide geochemical information developed by DOE high-level nuclear waste repository site projects /, 85-13734

**Water, Underground — San Luis Valley (Colo. and N.M.)**

Quality of ground water in agricultural areas of the San Luis Valley, South-Central Colorado /, 85-12788

**Water, Underground — Texas — Maps.**

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Texas /, 85-12783

Maps showing ground-water levels, springs, and depth to ground water, basin and range province, Texas /, 85-12782

Maps showing ground-water units and withdrawal, basin and range province, Texas /, 85-12781

**Water, Underground — United States — Sampling.**

Groundwater monitoring recommendations for oil shale development /, 85-12500

**Water, Underground — Utah.**

Hydrologic reconnaissance of the Kolob, Alton, and Kaiparowits Plateau coal fields, south-central Utah, 85-12826

**Water, Underground — Utah — Maps.**

Map showing selected surface-water data for the Huntington 30 x 60-minute quadrangle, Utah /, 85-12892

Map showing selected surface-water data for the Manti 30 x 60-minute quadrangle, Utah /, 85-12889

Map showing selected surface-water data for the Nephi 30 x 60-minute quadrangle, Utah /, 85-12890

Map showing selected surface-water data for the Price 30 x 60-minute quadrangle, Utah /, 85-12891

Maps showing distribution of dissolved solids and dominant chemical type in ground water basin and range province, Utah /, 85-12786

Maps showing ground-water levels, springs, and depth to ground waters, basin and range province, Utah /, 85-12785

## Water chemistry.

### Water chemistry.

Evaluation of environmental factors affecting yields of major dissolved ions of streams in the United States /, 85-12741

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, northern California /, 85-12758, 85-12766

### Water chemistry — Maps.

Maps showing distribution of dissolved solids and dominant chemical type in ground water, basin and range province, Arizona /, 85-12752, 85-12761, 85-12771, 85-12779, 85-12783

### Water conservation — United States.

Residential water conservation projects : summary report /, 85-12724

### Water hammer.

Evaluation of water hammer occurrence in nuclear power plants : technical findings relevant to Unresolved Safety Issue A-1 /, 85-13709

### Water-pipes.

Evaluation of water hammer occurrence in nuclear power plants : technical findings relevant to Unresolved Safety Issue A-1 /, 85-13709

In situ analysis of corrosive and passive surfaces by laser-excited Raman spectroscopy /, 85-12493

### Water quality — Alaska — Yearbooks.

Alaska, 85-12794

U.S.G.S. water resources data. Alaska, 85-12794

USGS water resources data. Alaska, 85-12794

Water resources data. Alaska., 85-12794

### Water quality — Arkansas River Watershed.

Water-resources appraisal of the upper Arkansas River basin from Leadville to Pueblo, Colorado /, 85-12749

### Water quality — Nebraska.

Appraisal of data for ground-water quality in Nebraska /, 85-12742

### Water quality — San Luis Valley (Colo. and N.M.)

Quality of ground water in agricultural areas of the San Luis Valley, South-Central Colorado /, 85-12788

### Water quality — Southern States.

Use and cost of soil conservation and water quality practices in the Southeast /, 85-11984

### Water quality — Uinta Basin (Utah and Colo.)

Quantity and quality of streamflow in the southeastern Uinta Basin, Utah and Colorado /, 85-12740

### Water quality — United States —

#### Bibliography — Catalogs.

Water pollution and water resources., 85-12540

### Water quality — Vermont — St. Albans

#### Bay.

Recreation benefits from an improvement in water quality at St. Albans Bay, Vermont /, 85-11988

### Water quality management — California —

#### Santa Barbara.

Ground-water monitoring at Santa Barbara, California : phase 2-effects of pumping on water levels and on water quality in the Santa Barbara Ground-water basin /, 85-12738

### Water quality management — United States.

Health effects criteria for fresh recreational waters /, 85-12484

Internal control review report on the municipal wastewater treatment works construction grants program /, 85-12519

Technical support manual : waterbody surveys and assessments for conducting use attainability analyses., 85-12525

### Water resources development — Alaska —

#### Yearbooks.

Alaska, 85-12794

U.S.G.S. water resources data. Alaska, 85-12794

USGS water resources data. Alaska, 85-12794

Water resources data. Alaska., 85-12794

### Water resources development — California

#### — San Joaquin Valley.

Water resources appraisal for hydroelectric licensing : middle San Joaquin Valley basin : Fresno, Madera, Mariposa, and Merced Counties, California., 85-12417

### Water resources development — Law and

#### legislation — United States.

An Act to Authorize Amendments to a Certain Repayment and Water Service Contract for the Frenchman Unit of the Pick-Sloan Missouri River Basin Program., 85-12579

### Water resources development — Nebraska.

An Act to Authorize Amendments to a Certain Repayment and Water Service Contract for the Frenchman Unit of the Pick-Sloan Missouri River Basin Program., 85-12579

### Water resources development — United

#### States — Finance.

Energy and water development appropriations for fiscal year 1985 : hearings before a subcommittee of the Committee on Appropriations, United States

Senate, Ninety-eighth Congress, second session., 85-13774

### Water resources development — Wheeling Creek Watershed (Pa. and W. Va.)

Wheeling Creek Watershed Protection District Compact : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5177 ... April 11, 1984., 85-13887

### Water reuse — United States.

Toxicity treatability of iron and steel plant wastewaters : a resource document /, 85-12495

Value engineering for wastewater treatment works /, 85-12520

### Water-supply — Alaska — Yearbooks.

Alaska, 85-12794

U.S.G.S. water resources data. Alaska., 85-12794

USGS water resources data. Alaska, 85-12794

Water resources data. Alaska., 85-12794

### Water-supply — Colorado.

An Act to Amend Title I of the Reclamation Project Authorization Act of 1972 in Order to Provide for the Establishment of the Russell Lakes Waterfowl Management Area as a Replacement for the Authorized Mishak National Wildlife Refuge, and for Other Purposes., 85-12609

### Water-supply — Florida — Manatee County.

Water resources and data-network assessment of the Manasota Basin, Manatee and Sarasota Counties, Florida /, 85-12748

### Water-supply — Florida — Sarasota County.

Water resources and data-network assessment of the Manasota Basin, Manatee and Sarasota Counties, Florida /, 85-12748

### Water supply — Minnesota.

Appraisal of the surficial aquifers in the Pomme de Terre and Chippewa River Valleys, western Minnesota /, 85-12789

### Water-supply — Northwestern States.

Review of ground water contamination and depletion problems in the Northwest : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, first session, November 28, 1983., 85-13872

### Water-supply — United States.

Residential water conservation projects : summary report /, 85-12724

**Water treatment plants — United States.**

Removal of giardia lamblia cysts by drinking water treatment plants /, 85-12487

**Water vapor transport.**

Nimbus 7 SMMR derived seasonal variations in the water vapor, liquid water and surface winds over the global oceans, 85-13115

**Water waves — Mathematical models.**

Impact experiments in viscous fluid media, 85-13222

A novel algorithm for sea surface height estimation using complex SAR data, 85-13225

**Waterfowl management — California — Colusa County.**

A waterfowl habitat preservation program for the Colusa Basin : Colusa & Glenn Counties, California., 85-12955

**Waterfowl management — California — Glenn County.**

A waterfowl habitat preservation program for the Colusa Basin : Colusa & Glenn Counties, California., 85-12955

**Waterfowl management — Colorado.**

An Act to Amend Title I of the Reclamation Project Authorization Act of 1972 in Order to Provide for the Establishment of the Russell Lakes Waterfowl Management Area as a Replacement for the Authorized Mishak National Wildlife Refuge, and for Other Purposes., 85-12609

**Watershed management — United States.**

Small watershed projects., 85-11858

**Watersheds — Research**

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

**Watersheds — United States.**

The Quality of Agricultural Research Service watershed and plot data /, 85-11970

**Watersheds — United States — Environmental aspects.**

Small watershed projects., 85-11858

**Wave Propagation Laboratory — Bibliography.**

Management information., 85-12113

**Wayne National Forest (Ohio)**

Campground information : Wayne-Hoosier National Forest Campgrounds., 85-11882

**Weapons systems.**

Withdraw and reserve certain public lands for military purposes : hearing before the Subcommittee on Public Lands and Reserved Water of the

Committee on Energy and Natural Resources, United States Senate, Ninety-eighth Congress, second session, on S. 2657 ... S. 2658 ... S. 2659 ... S. 2660 ... S. 2661 ... S. 2662 ... August 8, 1984., 85-13821

**Weather.**

The impact of weather on aviation safety : report of the Subcommittee on Investigations and Oversight of the Committee on Public Works and Transportation, U.S. House of Representatives., 85-13917

**Weather — Periodicals.**

Climate impact assessment. Foreign countries ... annual summary., 85-12103, 85-12104

**Weather forecasting.**

Initialization of a mesoscale model for April 10, 1979, using alternative data sources /, 85-13140

**Weather forecasting — Handbooks, manuals, etc.**

Aviation weather observations : for Supplementary Aviation Weather Reporting Stations (SAWRS) and limited Aviation Weather Reporting Stations (LAWRS)., 85-12016

**Weed control.**

Weed control for establishing intensively cultured hybrid poplar plantations /, 85-11918

**Weed control — United States.**

Program review and evaluation report : weed science, agricultural chemicals technology, and related bioregulation research programs, 1984., 85-11965

**Weighing-machines — Calibration.**

Calibration procedure for weights (mass) (general)., 85-12286

**Weighing-machines — United States — Periodicals.**

Specifications, tolerances, and other technical requirements for weighing and measuring devices /, 85-12086

**Weightlessness — Research — United States.**

Microgravity : a new tool for basic and applied research in space /, 85-13132

**Weights and measures — United States — Periodicals.**

Specifications, tolerances, and other technical requirements for weighing and measuring devices /, 85-12086

**Welfare recipients — United States.**

GAO analysis of the 1981 AFDC reductions : hearing before the Subcommittee on Public Assistance and Unemployment Compensation of the Committee on Ways and Means, House of

Representatives, Ninety-eighth Congress, second session, May 2, 1984., 85-13944

**Wells — Environmental aspects — United States.**

Methods for determining the mechanical integrity of class II injection wells /, 85-12491

**Wetlands — Florida.**

Use of thermal inertia determined by HCMM to predict nocturnal cold prone areas in Florida, 85-13369

**Wetlands — Ohio.**

Hocking Soil and Water Conservation District resources inventory., 85-11956

**Wetlands — Remote sensing — Congresses.**

Global biology research program: biogeochemical processes in wetlands : report of a workshop conducted at Arlington, Virginia, March 22-24, 1983 /, 85-13457

**Wheat — Transportation.**

Cargo preference and U.S. wheat exports /, 85-11989

**Wheat trade — United States.**

Cargo preference and U.S. wheat exports /, 85-11989

Wheat : background for 1985 farm legislation., 85-11860

**Wheelchairs.**

The market for wheelchairs : innovations and federal policy /, 85-13753

**Wheelchairs — Government policy — United States.**

The market for wheelchairs : innovations and federal policy /, 85-13753

**Wheeling Creek Watershed (Pa. and W. Va.)**

Wheeling Creek Watershed Protection District Compact : hearing before the Subcommittee on Administrative Law and Governmental Relations of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, second session, on H.R. 5177 ... April 11, 1984., 85-13887

**White-water canoeing — United States — Handbooks, manuals, etc.**

River information digest, 1985 : for popular western whitewater boating rivers managed by federal agencies /, 85-12947

**Whitman Mission National Historic Site (Wash.)**

Landscape study and management alternatives for revegetation : Whitman Mission National Historic Site /, 85-12948

## Whitman Natl Forest (Or.)

### Whitman National Forest (Or.)

Campground information : Wallows-Whitman National Forest., 85-11881

### Wholesale trade — Alabama — Statistics.

1982 census of wholesale trade. Geographic area series. Alabama., 85-12053

### Wholesale trade — Arkansas — Statistics.

1982 census of wholesale trade. Geographic area series. Arkansas., 85-12054

### Wholesale trade — Connecticut — Statistics.

1982 census of wholesale trade. Geographic area series. Connecticut., 85-12055

### Wholesale trade — Delaware — Statistics.

1982 census of wholesale trade. Geographic area series. Delaware., 85-12056

### Wholesale trade — Florida — Statistics.

1982 census of wholesale trade. Geographic area series. Florida., 85-12057

### Wholesale trade — Illinois — Statistics.

1982 census of wholesale trade. Geographic area series. Illinois., 85-12058

### Wholesale trade — Iowa.

1982 census of wholes trade. Geographic area series. Iowa., 85-12059

### Wholesale trade — Kansas — Statistics.

1982 census of wholesale trade. Geographic area series. Kansas., 85-12060

### Wholesale trade — Kentucky — Statistics.

1982 census of wholesale trade. Geographic area series. Kentucky., 85-12061

### Wholesale trade — Maryland — Statistics.

1982 census of wholesale trade. Geographic area series. Maryland., 85-12062

### Wholesale trade — Michigan — Statistics.

1982 census of wholesale trade. Geographic area series. Michigan., 85-12063

### Wholesale trade — Mississippi — Statistics.

1982 census of wholesale trade. Geographic area series. Mississippi., 85-12064

### Wholesale trade — Missouri — Statistics.

1982 census of wholesale trade. Geographic area series. Missouri., 85-12065

### Wholesale trade — New Jersey — Statistics.

1982 census of wholesale trade. Geographic area series. New Jersey., 85-12066

### Wholesale trade — New York (State) — Statistics.

1982 census of wholesale trade. Geographic area series. New York., 85-12067

### Wholesale trade — North Carolina — Statistics.

1982 census of wholesale trade. Geographic area series. North Carolina., 85-12068

### Wholesale trade — North Dakota — Statistics.

1982 census of wholesale trade. Geographic area series. North Dakota., 85-12069

### Wholesale trade — Pennsylvania — Statistics.

1982 census of wholesale trade. Geographic area series. Pennsylvania., 85-12070

### Wholesale trade — South Carolina — Statistics.

1982 census of wholesale trade. Geographic area series. South Carolina., 85-12071

### Wholesale trade — United States — Statistics.

1982 census of wholesale trade. Geographic area series. United States., 85-12074

### Wholesale trade — West Virginia — Statistics.

1982 census of wholesale trade. Geographic area series. West Virginia., 85-12072

### Wholesale trade — Wisconsin — Statistics.

1982 census of wholesale trade. Geographic area series. Wisconsin., 85-12073

### Wife abuse — United States.

Violence and abuse in American families : hearing before the Select Committee on Children, Youth, and Families, House of Representatives, Ninety-eighth Congress, second session, hearing held in Washington, DC, on June 14, 1984., 85-13793

### Wild Horse & Burro Adoption Center (Cross Plains, Tenn.)

Wild Horse & Burro Adoption Center, Cross Plains, Tennessee., 85-12958

### Wild horses — Control — Government

#### policy — United States — Periodicals.

Administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

### Wild horses — Government policy — United States — Periodicals.

Administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

### Wild horses — Law and legislation —

#### United States — Periodicals.

Administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

Report to Congress, administration of the Wild Free-Roaming Horse and Burro Act., 85-12733

### Wild horses — United States.

Wild Horse & Burro Adoption Center, Cross Plains, Tennessee., 85-12958

### Wilderness areas — Arizona.

An Act to Designate Certain National Forest Lands in the State of Arizona as Wilderness, and for Other Purposes., 85-12573

Arizona Wilderness Act of 1984, 85-12573

Proposed wilderness program for the Phoenix Wilderness EIS area : Maricopa, Mohave, Pima, Pinal and Yavapai Counties, Arizona /, 85-12729

### Wilderness areas — Arkansas.

An Act to Designate Certain National Forest Systems Lands in the State of Arkansas for Inclusion in the National Wilderness Preservation System, and for Other Purposes., 85-12588

Arkansas Wilderness Act of 1984, 85-12588

Arkansas Wilderness Act of 1984 : report (to accompany S. 2125)., 85-13668

### Wilderness areas — Law and legislation —

#### Mississippi.

Mississippi National Forest Wilderness Act of 1984, 85-12594

### Wilderness areas — Law and legislation —

#### New Mexico.

An Act Entitled "The San Juan Basin Wilderness Protection Act of 1984.", 85-12627

San Juan Basin Wilderness Protection Act of 1984, 85-12627

### Wilderness areas — Law and legislation —

#### United States.

Arkansas Wilderness Act of 1984 : report

(to accompany S. 2125)., 85-13668

Georgia Wilderness Act of 1984., 85-12593

### Wilderness areas — Nevada — Esmeralda County.

Esmeralda-Southern Nye planning area : wilderness technical report., 85-12957

## Subject Index

**Wilderness areas — New Mexico.**

Albuquerque District wilderness analysis reports, 1984 : Cabezon WSA, Empedrado WSA, Ignacio Chavez WSA, La Lena WSA, Ojito WSA, Rio Chamba WSA, Sabinoso WSA, San Antonio WSA., 85-12968

Albuquerque District wilderness final environmental assessment., 85-12963

**Wilderness areas — New Mexico — Las Cruces.**

Las Cruces District wilderness final environmental assessment., 85-12965

**Wilderness areas — Tennessee.**

Tennessee Wilderness Act of 1984., 85-12614

**Wilderness areas — Utah.**

Scoping the Utah statewide wilderness environmental impact statement., 85-12731

**Wilderness areas — West (U.S.)**

Computer program directory for petroleum assessment of wilderness lands in the western United States, 85-12833

**Wildfires — California.**

Five southern California oaks : identification and postfire management /, 85-11940

**Wildfires — Montana.**

Early postfire revegetation in a western Montana Douglas-fir forest /, 85-11894

**Wildfires — United States.**

The legal system, the U.S. Forest Service, and human-caused wild fires /, 85-11898

**Wildfires — United States — Prevention and control.**

Increase effectiveness of domestic fire-fighting forces (H.R. 3726); and Congressional Budget Act Amendments of 1984 (H.R. 5247) : hearings before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, on H.R. 3726 ... and H.R. 5247 ... July 26, 1984., 85-13869

**Wildlife conservation — Arizona.**

Proposed wilderness program for the Phoenix Wilderness EIS area : Maricopa, Mohave, Pima, Pinal and Yavapai Counties, Arizona /, 85-12729

**Wildlife conservation — Law and legislation — Colorado.**

An Act to Amend Title I of the Reclamation Project Authorization Act of 1972 in Order to Provide for the Establishment of the Russell Lakes Waterfowl Management Area as a Replacement for the Authorized Mishak Na-

tional Wildlife Refuge, and for Other Purposes., 85-12609

**Wildlife conservation — Law and legislation — United States — Periodicals.**

CFR. 50, Wildlife and fisheries, 85-12571, 85-12572

Code of federal regulations. 50, Wildlife and fisheries., 85-12571, 85-12572

Wildlife and fisheries, 85-12571, 85-12572

**Wildlife conservation — Texas — Lower Rio Grande Valley National Wildlife Refuge.**

Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy Counties, Texas /, 85-12953

**Wildlife habitat improvement — Texas — Lower Rio Grande Valley National Wildlife Refuge.**

Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy Counties, Texas /, 85-12953

**Wildlife management — California.**

An Act to Provide for the Restoration of the Fish and Wildlife in the Trinity River Basin, California, and for Other Purposes., 85-12601

**Wildlife refuges — Texas.**

Land protection plan for Lower Rio Grande Valley National Wildlife Refuge in Cameron, Hidalgo, Starr, and Willacy Counties, Texas /, 85-12953

**Wind power — Washington (State)**

Effect of vortex generators on the power conversion performance and structural dynamic loads of the Mod-2 wind turbine, 85-13062

**Wind tunnels — Flow visualization.**

A numerical study of the controlled flow tunnel for a high lift model, 85-13152

**Winds.**

Preliminary study of (2-D) digital filtering for dealeasing NOSS wind direction data, 85-13207

**Winds — California — Measurement.**

Vector wind gust model, 85-13169

**Winds — Florida — Measurement.**

Vector wind gust model, 85-13169

**Wine and wine making — United States.**

Market expansion for U.S.-produced wine : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 24, 1984., 85-13942

**Wine industry — United States.**

Market expansion for U.S.-produced wine : hearing before the Subcommittee on Trade of the Committee on Ways and Means, House of Representatives, Ninety-eighth Congress, second session, July 24, 1984., 85-13942

**Winter storms — Atlantic States — Periodicals.**

National winter storms operations plan /, 85-12097

**Winter storms — Gulf States — Periodicals.**

National winter storms operations plan /, 85-12097

**Wire industry — United States — Statistics.**

1982 census of manufactures. Preliminary report. Industry series. Nonferrous wire drawing and insulating (industry 3357), 85-12031

**Wisconsin — Economic conditions.**

Economic development : hearings before the Task Force on Economic Policy and Productivity of the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, October 23 and 26, 1984, Janesville and Racine, WI., 85-13792

**Wisconsin — Economic policy.**

Economic development : hearings before the Task Force on Economic Policy and Productivity of the Committee on the Budget, House of Representatives, Ninety-seventh Congress, second session, October 23 and 26, 1984, Janesville and Racine, WI., 85-13792

**Witnesses.**

Witness Protection Act : hearing before the Subcommittee on Courts, Civil Liberties, and the Administration of Justice of the Committee on the Judiciary, House of Representatives, Ninety-eighth Congress, first session, on H.R. 3086 ... June 22, 1983., 85-13891

**Witnesses — United States — Handbooks, manuals, etc.**

Victim witness handbook., 85-12992

**Women — Employment — United States — History.**

Perfect in her place : women at work in industrial America /, 85-13545

**Women — Mental health — United States.**

Seasonal affective disorder and phototherapy /, 85-12709

**Women — United States.**

U.S. contribution to the U.N. decade for women : hearing before the Subcommittee on Human Rights and International Organizations of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress,

## Women U.S.

second session, September 18, 1984,  
85-13848

### Women soldiers — United States.

*Going strong! : women in defense.* 85-12132

### Wood — Puerto Rico.

Wood shipments to Puerto Rico /, 85-11911

### Wood poles.

Service life of treated and untreated Rocky Mountain area fenceposts : a progress report /, 85-11923

### Wooden beams.

Deflections of uniformly loaded floors : a beam-spring analog /, 85-11893

### Word processing — Study and teaching — United States.

Word processing : a guide to program planning /, 85-12439

### Workers' compensation — Massachusetts — Boston.

Problem of delays in processing Federal Employees' Compensation Act (FECA) claims at the Boston District Office of Workers' Compensation Programs : hearing before a subcommittee of the Committee on Government Operations, House of Representatives, Ninety-eighth Congress, second session, October 12, 1984., 85-13868

### Working dogs.

Military police : military working dogs., 85-12253

### World Bank.

Africa, the World Bank, and the IMF : an appraisal : hearing before the Subcommittee on Africa of the Committee on Foreign Affairs, House of Representatives, Ninety-eighth Congress, second session, February 23, 1984., 85-13847

### Wreckers (Vehicles) — Handbooks, manuals, etc.

Load-testing vehicles used to handle missiles and rockets, medium wrecker M62, medium wrecker truck M543 series, and M816, and wrecker-truck tractor M246 series, and M819., 85-12275

### Wrought-iron — Testing.

Influence of soft inclusions on the strength of wrought materials, 85-13277

## X

### X-ray astronomy.

High resolution hard x-ray spectra of solar and cosmic sources, 85-13266

Theoretical studies of x-ray emission from supernova remnants and other non-equilibrium astrophysical plasmas, 85-13428

### X-rays.

The impulsive hard x-rays from solar flares, 85-13452

X-ray measurements of water fog density /, 85-13719

An X-ray screening protocol for extremity injuries /, 85-12692

## Y

### Young, Milton Ruben, 1897-1983 —

Addresses, essays, lectures.

Memorial addresses and other tributes in the Congress of the United States on the life and contributions of Milton R. Young, Ninety-eighth Congress, first session /, 85-13661

### Youth — Drug use — Prevention.

For parents only : what you need to know about marijuana., 85-12713

### Youth — Employment — United States.

Vocational education and youth employment /, 85-12440

Youth employment and the minimum wage : hearing before the Joint Economic Committee, Congress of the United States, Ninety-eighth Congress, second session, June 27, 1984., 85-13810

### Youth — United States — Alcohol use.

Alcohol and drug abuse prevention., 85-12425

National minimum drinking age : hearing before the Subcommittee on Alcoholism and Drug Abuse of the Committee on Labor and Human Resources, United States Senate, Ninety-eighth Congress, second session, on examining the tragedy of alcohol-related auto fatalities and whether the answer to this problem is to increase the minimum drinking age ... June 19, 1984., 85-13903

An Overview of the School Team Approach /, 85-12426

### Youth — United States — Drug use.

Alcohol and drug abuse prevention., 85-12425

## Subject Index

An Overview of the School Team Approach /, 85-12426

### Youth — United States — Drug use — Prevention.

Prevention of drug abuse among youth : hearing before the Permanent Subcommittee on Investigations of the Committee on Governmental Affairs, United States Senate, Ninety-eighth Congress, second session, June 26, 1985., 85-13879

### Yttrium — Maps.

Map showing the distribution and abundance of scandium and yttrium in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12802

## Z

### Zeolites — Arizona — Maps.

Mineral resource potential of the Silver City 1°x 2° quadrangle, New Mexico-Arizona, 85-12839

### Zeolites — New Mexico — Maps.

Mineral resource potential of the Silver City 1°x 2° quadrangle, New Mexico-Arizona, 85-12839

### Zinc — Maps.

Map showing the distribution and abundance of zinc in bedrock samples, western Chichagof-Yakobi Islands Wilderness study area, southeastern Alaska, 85-12804

### Zip code — Nevada — Directories.

Nevada, Utah ZIP4 state directory /, 85-13479

ZIP4 state directory. Nevada, Utah, 85-13479

### Zip code — Utah — Directories.

Nevada, Utah ZIP4 state directory /, 85-13479

ZIP4 state directory. Nevada, Utah, 85-13479

### Zip code — Washington (State) — Directories.

Washington ZIP4 state directory /, 85-13480

ZIP4 state directory. Washington, 85-13480

### Zirconium.

The transient oxidation of single crystal NiAlZr /, 85-13403

## Series/Report Index

### A

ACS research report ; no. 21, 85-12008  
 ACS research report ; no. 40, 85-12009  
 Actuarial note (United States. Social Security Administration) ; no. 121., 85-12645  
 ADA-146 998, 85-12131  
 ADSM 18-CO 7-AVF-IBM-UM-BG, 85-12240  
 Aerocomp document ; 33 TR 03, 85-12730  
 AFHRL-technical paper ; 84-23., 85-12410  
 AFHRL-technical paper ; 84-24., 85-12411  
 AFHRL-TR ; 83-1, 85-12408  
 AFHRL-TR ; 83-60, 85-12409  
 AFO-800-1084, 85-13616  
 Agricultural reviews and manuals. ARM-S ; 13., 85-11969  
 Agricultural reviews and manuals. ARM-W ; 31., 85-11970  
 Agricultural reviews and manuals. ARM-W, 0913-3760 ; 31, 85-11970  
 Agricultural reviews and manuals. H, 85-12002, 85-12003  
 Agricultural reviews and manuals. Headquarters series, 85-12002, 85-12003  
 Agriculture handbook (United States. Dept. of Agriculture) ; no. 305., 85-11875  
 Agriculture handbook (United States. Dept. of Agriculture) ; no. 628., 85-11876  
 Agriculture information bulletin ; no. 467, 85-11860  
 Agriculture information bulletin ; no. 468, 85-11861  
 Agriculture information bulletin ; no. 469, 85-11862  
 Agriculture information bulletin ; no. 470, 85-11863  
 Agriculture information bulletin ; no. 471, 85-11864  
 Agriculture information bulletin ; no. 472, 85-11865  
 Agriculture information bulletin ; no. 473, 85-11866  
 Agriculture information bulletin ; no. 474, 85-11867  
 Agriculture information bulletin ; no. 475, 85-11868  
 Agriculture information bulletin ; no. 476, 85-11869  
 Agriculture information bulletin ; no. 477, 85-11870  
 Agriculture information bulletin ; no. 478, 85-11871  
 Agriculture information bulletin ; no. 482, 85-11872

Agriculture information bulletin ; no. 483, 85-11873  
 Agriculture information bulletin ; no. 485, 85-11874  
 AIAA-84-1184, 85-13053  
 AIAA-84-1203, 85-13072  
 AIAA-84-1297, 85-13055  
 AIAA-84-1326, 85-13073  
 AIAA-84-1343, 85-13063  
 AIAA-84-1379, 85-13070  
 AIAA 84-1383, 85-13071  
 Air Force AFM ; 88-6, chap. 4, 85-12254  
 Air Force regulation ; 55-40., 85-12369  
 Air Force regulation ; 110-12, 85-12251  
 Air Force TO ; 11 A 6-14-7., 85-12375  
 Air Force TO ; 11 A 12-8-7., 85-12376  
 Air Force TO ; 11 G 7-7-5-7., 85-12377  
 AMCCOM handbook ; SF-1, 85-12250  
 ANL-84-33, 85-13735  
 ANL-84-67, 85-13746  
 APHIS 91-42 (Mar. 1984), 85-12006  
 Appropriate technologies for development, 85-13485  
 Area handbook series, 85-12273  
 Army TB ; 9-352., 85-12275  
 Army TB ; 9-4910-521-35., 85-12276  
 Army TB ; 9-4931-517-50., 85-12277  
 Army TB ; 9-4931-527-50., 85-12278  
 Army TB ; 9-6625-059-35., 85-12279  
 Army TB ; 9-6625-798-35., 85-12280  
 Army TB ; 9-6625-1062-35., 85-12281  
 Army TB ; 9-6625-2064-35., 85-12282  
 Army TB ; 9-6625-2073-35., 85-12283  
 Army TB ; 9-6625-2127-35., 85-12284  
 Army TB ; 9-6660-274-50., 85-12285  
 Army TB ; 9-6670-254-50., 85-12286  
 Army TB ; 9-6695-264-35., 85-12287  
 Army TB ; 11-6625-214-35., 85-12288  
 Army TB ; 43-0001-16-2., 85-12289  
 Army TB ; 43-0001-18-2., 85-12290  
 Army TB ; 43-0001-30-2., 85-12291  
 Army TB ; 43-0001-40-1., 85-12292  
 Army TB ; 43-0001-42-1., 85-12293  
 Army TB ; 43-0001-52-2., 85-12294  
 Army TB ; 55-4920-221-50., 85-12295  
 ARNG-84-107, 85-12230  
 ARS-5, 85-11967  
 ARS-7, 85-11968  
 ASDM 18-CO-7-AVF-IBM-UM-GL, 85-12317  
 ASHE-ERIC/higher education research report ; 1983, no. 7., 85-12460  
 ATF P ; 5300.4 E (4/84), 85-13584  
 ATF P ; 5300.5, 85-13583

AVSCOM technical report ; 84-C-1., 85-13055  
 AVSCOM technical report ; 84-C-8., 85-13074, 85-13081

### B

B-197710, 85-12533  
 B-202205, 85-12536  
 B-202245, 85-12534  
 B-214417, 85-12535  
 BHARC-400/83/011, 85-13723  
 Bird damage research report ; no. 330, 85-12952  
 BLM AZ-ES-001-8500, 85-12729  
 BLM CA TE 85 002 4100, 85-12967  
 BLM-LV-PT-84-023-8500, 85-12957  
 BLM-NM-ES-84-022-4332, 85-12963, 85-12968  
 BLM-OR-ES-85-4410, 85-12728  
 BLM-OR-PT-85-002-2410, 85-12962  
 BLM-YA-PT-83-002-4335, 85-12966  
 BLMNVGI 84017400, 85-12961  
 BNL-NUREG-51791, 85-13736  
 BNL-NUREG-51805, 85-13737  
 BNL-NUREG-51814, 85-13741  
 BNL-NUREG-51824, 85-13744  
 BNL 34710, 85-12415  
 Boating safety circular ; 59, 85-13620  
 BTS 07-84-05/rb, 85-13409  
 Bulletin (National Register of Historic Places) ; 13., 85-12950  
 Bulletin (United States. Bureau of Labor Statistics) ; 2216., 85-13012  
 Bulletin (United States. Bureau of Labor Statistics) ; 3025-44., 85-13013  
 Bulletin (United States. Bureau of Labor Statistics) ; 3025-47., 85-13014  
 Bulletin (United States. Bureau of Labor Statistics) ; 3025-50., 85-13015  
 Bureau of Economics staff report, 85-12531

### C

C/R/477/84, 85-13262  
 A CBO study, 85-13945  
 CC pamphlet ; no. 50, 85-12648  
 CC 82-I-2, 85-12046  
 CCMS report ; no. 84-01., 85-13288  
 CCMS report ; no. 84-03., 85-13280  
 CCMS report ; no. 84-04., 85-13252  
 CCMS report ; no. 84-08., 85-13088  
 CCPM pamphlet ; no. 37., 85-12646

CCPM pamphlet ; no. 58, 85-12647  
 CDC 11650, 85-12382, 85-12383  
 CDC 24250, 85-12384  
 CDC 27132, 85-12385  
 CDC 27350, 85-12386  
 CDC 30270, 85-12387  
 CDC 30456, 85-12388  
 CDC 32172 P, 85-12389  
 CDC 32470, 85-12390  
 CDC 32853, 85-12391  
 CDC 34152, 85-12392, 85-12393  
 CDC 39250, 85-12394  
 CDC 42153, 85-12395  
 CDC 42653, 85-12396, 85-12397  
 CDC 42654, 85-12398  
 CDC 56651, 85-12399  
 CDC 62251, 85-12400  
 CDC 64570, 85-12401  
 CDC 66150, 85-12402  
 CDC 70570, 85-12403, 85-12404  
 CDC 79151, 85-12405  
 CG-D-9-84, 85-13622  
 Circular (Library of Congress. Copyright Office) ; R 13., 85-13019  
 Circular (Library of Congress. Copyright Office) ; R 38 a., 85-13020  
 Circular (Library of Congress. Copyright Office) ; R 44., 85-13021  
 Clearinghouse publication ; 85, 85-12126  
 CMH pub. ; no. 91-1, 85-12335  
 CN 60, 85-13175  
 CNATT-J 52 PAT, 85-12340  
 Comm. Pub. no. 98-476 (United States. Congress. House. Select Committee on Aging), 85-13764  
 Comm. pub. no. 99-481 (United States. Congress. House. Select Committee on Aging), 85-13765  
 Congressional sourcebook series ; 1984, 85-12537  
 Contractor report (National Center for Education Statistics), 85-12442, 85-12443  
 Control no. 3-6-3 (second supp.), 85-12971  
 Control no. 4-1, 9-15 (supp.), 85-12976  
 Control no. 4-1-16 (supp.), 85-12972  
 Control no. 4-1-28, 85-12973  
 Control No. 4-2-21, 85-12974  
 Control no. 4-11-31, 85-12975  
 Control no. 6-4-27 (supp.), 85-12977  
 Control no. 6-4-52, 85-12978  
 Control no. 6-4-58, 85-12979  
 Control no. 7-X-34, 85-12980  
 Cooperative information report ; 4., 85-12010  
 CPR population research, 85-12677  
 CRREL report ; 84-1, 85-12322  
 CRREL report ; 84-11, 85-12323  
 CRREL report ; 84-12, 85-12324  
 CRREL report ; 84-15, 85-12325  
 CRSC report ; 83-2, 85-13378  
 CSNI report ; no. 82, 85-13747  
 CSSA-ASTRO-84-06, 85-13452

Current fisheries statistics ; no. 8307, 85-12105  
 Current fisheries statistics ; no. 8321., 85-12106  
 Current fisheries statistics ; 8323., 85-12107  
 Current population reports. Series P-20, Population characteristics ; no. 395, 85-12043  
 Current population reports. Series P-23, Special studies ; no. 135, 85-12044  
 Customs publication ; no. 525, 85-13556

## D

D-3200, 85-12017  
 DA pam ; 75-5., 85-12272  
 DA pam ; 550-72, 85-12273  
 DA pam ; 690-38., 85-12274  
 Demonstration project (United States. Federal Highway Administration) ; no. 47., 85-13598  
 Demonstration project (United States. Federal Highway Administration) ; no. 50., 85-13599  
 Demonstration project (United States. Federal Highway Administration) ; no. 59., 85-13600  
 Department of State publication, 85-13524  
 Department of State publication. Background notes series., 85-13525, 85-13526, 85-13527, 85-13528, 85-13529, 85-13530, 85-13531  
 Department of State publication. Department and Foreign Service series ; 218., 85-13534  
 Department of State publication. Department and Foreign Service series ; 232., 85-13533  
 Department of State publication. Department and Foreign Service series ; 389., 85-13532  
 Department of State publication. Inter-American series ; 116., 85-13516  
 Department of State publication ; 7771., 85-13527  
 Department of State publication ; 7798., 85-13528  
 Department of State publication ; 7856., 85-13530  
 Department of State publication ; 7932., 85-13526  
 Department of State publication ; 8080., 85-13529  
 Department of State publication ; 8258., 85-13531  
 Department of State publication ; 8993., 85-13525  
 Department of State publication ; 9169., 85-13534  
 Department of State publication ; 9185., 85-13533  
 Department of State publication ; 9391, 85-13515  
 Department of State publication ; 9399., 85-13532  
 Department of State publication ; 9407., 85-13516  
 Department of the Army technical manual ; TM 5-818-2., 85-12254  
 Department of the Army technical manual ; TM 5-3895-259-24 P., 85-12255  
 Department of the Army technical manual ; TM 5-3895-263-20 P., 85-12256  
 Department of the Army technical manual ; TM 5-3895-263-34 P., 85-12257  
 Department of the Army technical manual ; TM 5-4310-219-34 P., 85-12258  
 Department of the Army technical manual ; TM 9-1425-485-L., 85-12259  
 Department of the Army technical manual ; TM 9-1430-529-34-2., 85-12260  
 Department of the Army technical manual ; TM 9-4931-496-34 P., 85-12261  
 Department of the Army technical manual ; TM 9-4931-510-34P, 85-12262  
 Department of the Army technical manual ; TM 10-3990-204-12 & P., 85-12263  
 Department of the Army technical manual ; TM 740-1525., 85-12264  
 Department of the Army technical manual ; TM 750-244-4-2, 85-12265  
 DHEW publication., 85-12691  
 DHEW publication ; no. (CDC), 85-12698  
 DHEW publication ; no. (NIH), 85-12652, 85-12660, 85-12661, 85-12672, 85-12675, 85-12676  
 DHHS publication ; no. (ADM) 84-158, 85-12711, 85-12712  
 DHHS publication ; no. (ADM) 84-909, 85-12713  
 DHHS publication ; no. (ADM) 84-1337, 85-12707  
 DHHS publication ; no. (ADM) 84-1357, 85-12710  
 DHHS publication ; no. (CDC) 84-8280., 85-12698  
 DHHS publication ; no. (FDA) 85-8227., 85-12686  
 DHHS publication ; no. (HCFA) 03175., 85-12718  
 DHHS publication ; no. (NIH) 84-857., 85-12649  
 DHHS publication ; no. (NIH) 84-1981., 85-12673  
 DHHS publication ; no. (NIH) 84-1982., 85-12674  
 DHHS publication ; no. (NIH) 84-1983., 85-12672  
 DHHS publication ; no. (NIH) 84-1984., 85-12675  
 DHHS publication ; no. (NIH) 84-1985., 85-12676  
 DHHS publication ; no. (NIH) 84-2460., 85-12663  
 DHHS publication ; no. (NIH) 84-2688-84-2689., 85-12661  
 DHHS publication ; no. (NIH) 84-2691., 85-12660

# June 1985

DHHS publication ; no. (NIH) 85-7., 85-12652  
 DHHS publication ; no. (NIH) 85-862., 85-12679  
 DHHS publication ; no. (NIH) 85-1135., 85-12650  
 DHHS publication ; no. (NIH) 85-1178., 85-12665  
 DHHS publication ; no. (NIH) 85-2670., 85-12664  
 DHHS publication ; no. (NIH) 85-2709., 85-12662  
 DHHS publication ; no. (OHDS) 84-31134, 85-12720  
 DHHS publication ; no. (PHS) 83-3343, 85-12695  
 DHHS publication ; no. (PHS) 84-3347, 85-12692  
 DHHS publication ; no. (PHS) 84-3362, 85-12694  
 DHHS publication ; no. (PHS) 85-1100, 85-12691  
 DHHS publication ; no. (PHS) 85-1250, 85-12689, 85-12690  
 DHHS publication ; no. (SSA) 05-10077., 85-12643  
 DHHS publication ; no. (SSA) 05-10195., 85-12639  
 DHHS publication ; no. (SSA) 05-10375., 85-12641  
 DHHS publication ; no. (SSA) 11-11500., 85-12645  
 DHHS publication ; no. (SSA) 16-001., 85-12644  
 DHHS publication ; no. (SSA) 64-087., 85-12640

Document (United States. Internal Revenue Service) ; 6608., 85-13561

Document (United States. Internal Revenue Service) ; 6930 (rev. 11-84)., 85-13564

DoD GEN ; 39, 85-12141

DOD 4100.39-M, 85-12224, 85-12225, 85-12226, 85-12227, 85-12228

DoD 5040.2-C-4, 85-12134

DOE/CS-54209-13, 85-13315

DOE/CS-54209-14, 85-13329

DOE/CS-66001-1, 85-13235

DOE/CS-66001-3, 85-13259

DOE/CS-66001-4, 85-13338

DOE/ET-20356-11, 85-13325

DOE/ET 29372-3, 85-13318

DOE/ID-12138-3, 85-13322

DOE/JPL-1012-95, 85-13334

DOE/JPL-1012-96, 85-13331

DOE/JPL-1060-61, 85-13219

DOE/JPL-1060-63, 85-13229

DOE/JPL-1060-65, 85-13320

DOE/JPL-1060-68, 85-13323

DOE/JPL-1060-69, 85-13333

DOE/JPL-1060-70, 85-13314

DOE/JPL-1060-73, 85-13313

DOE/JPL-954527-83/24, 85-13341

DOE/JPL-954527-83/25, 85-13336

DOE/JPL-955688-82/10, 85-13345

DOE/JPL 955902-82/8, 85-13339  
 DOE/JPL 955902-83/11, 85-13340  
 DOE/JPL-956046-83/9, 85-13342  
 DOE/JPL-956525-83/1, 85-13346  
 DOE/JPL-956615/84/1, 85-13349  
 DOE/JPL-956615/84/2, 85-13348  
 DOE/JPL-956685/-01, 85-13350  
 DOE/MA-0064/3, 85-12416  
 DOE/NASA/0142-1, 85-13157  
 DOE/NASA/0167-7, 85-13401  
 DOE/NASA/0168-7, 85-13389  
 DOE/NASA/0201-4, 85-13160  
 DOE/NASA/0205-8, 85-13394  
 DOE/NASA/0264-1, 85-13402  
 DOE/NASA/20320-59, 85-13062  
 DOE/NASA/20485-16, 85-13050  
 DOE/NASA/50140-55, 85-13061  
 DOE/NASA/50194-39, 85-13051  
 DOT/FRA/ORD-84/02.1, 85-13604  
 DOT HS 806 257, 85-13629  
 DOT HS 806 500, 85-13630  
 DOT-HS-806/577, 85-13634  
 DOT HS 806 596, 85-13628  
 DOT HS 806 656, 85-13632  
 DOT HS-806 666, 85-13627  
 DOT HS 806 668, 85-13633  
 DOT HS 806 680, 85-13635  
 DOT HS 806 683, 85-13636  
 DOT-I-81-36, 85-13585  
 DOT-I-84-06, 85-13586  
 DOT-I-84-43, 85-13587  
 DPS-600/D-84-228, 85-12480  
 DS manual ; 2420.1, 85-12133

## E

E-2149, 85-13467

Educational pamphlet (United States. National Ocean Survey) ; #4., 85-12111

EGG-2339, 85-13742

EGG-2340, 85-13740

EL-501, 85-13489

Electromagnetics Laboratory scientific report ; no. 84-7, 85-13089

Engineer pamphlet ; 870-1-19., 85-12326

Environmental history series (Washington, D.C.), 85-12326

EP-212, 85-13132

EPA-450/3-82-028, 85-12522

EPA-450/4-84-012, 85-12521

EPA 520/1-84-022-1, 2, 85-12524

EPA-600/S 1-81-035, 85-12486

EPA-600/S 2-84-069, 85-12487

EPA-600/S 2-84-075, 85-12488

EPA-600/S 2-84-083, 85-12489

EPA-600/S 2-84-106, 85-12490

EPA-600/S 2-84-121, 85-12491

EPA-600/S 2-84-124, 85-12492

EPA-600/S 2-84-133, 85-12493

EPA-600/S 2-84-135, 85-12494

EPA-600/S 2-84-137, 85-12495

EPA-600/S 3-83-061, 85-12496

EPA-600/S 3-84-053, 85-12497

EPA-600/S 3-84-056, 85-12498

EPA-600/S 3-84-089, 85-12499

EPA-600/S 4-83-055, 85-12500

EPA-600/S 4-84-043, 85-12501

EPA-600/S 4-84-056, 85-12502

EPA-600/S 7-84-029, 85-12503

EPA-600/S 7-84-046, 85-12504

EPA-600/S 7-84-061, 85-12505

EPA-600/S 7-84-062, 85-12506

EPA-600/S 7-84-066, 85-12507

EPA-600/S 7-84-075, 85-12508

EPA-600/S 7-84-078, 85-12509

EPA-600/S 7-84-080, 85-12510

EPA-600/S 7-84-081, 85-12511

EPA-600/S 7-84-085, 85-12512

EPA-600/S 7-84-086, 85-12513

EPA-600/S 7-84-087, 85-12514

EPA-600/S 7-84-089, 85-12515

EPA-600/S 8-84-016, 85-12516

EPA-600/S 8-84-017, 85-12517

EPA-600/S 9-84-018, 85-12518

EPA-600/1-84-004, 85-12484

EPA-600/4-77-027 a-b, 85-12483

EPA-600/9-76-005, 85-12483

EPA-600/9-84-016, 85-12485

EPRI NP-2314, 85-13718

ERS staff report ; no. AGES 830908, 85-11983

ERS staff report ; no. AGES 831028, 85-11984

ERS staff report ; no. AGES 831212, 85-11985

ERS staff report ; no. AGES 831213, 85-11986

ERS staff report ; no. AGES 840111, 85-11987

ERS staff report ; no. AGES 840127, 85-11988

ERS staff report ; no. AGES 840216, 85-11989

ERS staff report ; no. AGES 840227, 85-11990

ERS staff report ; no. AGES 840301, 85-11991

ERS staff report ; no. AGES 840330, 85-11992

ERS staff report ; no. AGES 840419, 85-11993

ERS staff report ; no. AGES 840508, 85-11994

ERS staff report ; no. AGES 840524, 85-11995

ERS staff report ; no. AGES 840608, 85-11996

ERS staff report ; no. AGES 840709, 85-11997

ERS staff report ; no. AGES 840712, 85-11998

ERS staff report ; no. AGES 840723, 85-11999

ERS staff report ; no. AGES 840803, 85-12000

ERS staff report ; no. AGES 840806, 85-12001  
Export market information., 85-12119

## F

FAA/AM-84-6, 85-13618  
FAA-EE-83-13, 85-13390  
FAA-EE-84-6, 85-13615  
FAA-P-8740-45, 85-13616  
Fact sheet (National Library of Medicine (U.S.)), 85-12682  
Fact sheet (United States. Soil Conservation Service), 85-11957  
Factfinder for the nation ; CFF no. 5, 85-12047  
FCM-P 13-1984, 85-12097  
Federal civilian workforce statistics, 85-13487  
Federal meteorological handbook ; no. 9, 85-12016  
FHWA-DP-47-4, 85-13598  
FHWA-DP-50-14, 85-13599  
FHWA-DP-59, 85-13600  
FHWA-DP-59-6, 85-13600  
FHWA/RD-84/301, 85-13594  
FHWA-TS-84-205, 85-13595  
FHWA-TS-84/208, 85-13596  
FHWA-TS-84-209, 85-13597  
FLRA doc. ; 1286, 85-13699  
FLRA doc. ; 1287, 1288, 85-13700  
Forderungskennzeichen TV 7622, 85-13626  
Foreign agricultural economic report ; no. 200, 85-11980  
Foreign agricultural economic report ; no. 205, 85-11981  
Foreign agricultural economic report ; no. 206, 85-11982  
Forest insect & disease leaflet ; 18, 85-11890  
FrNr 1.3 (85), 85-11974  
FS-388, 85-11889  
FT 155, 85-12041  
FT 450, 85-12042

## G

GAO/AFMD-84-48, 85-12533  
GAO/AFMD-85-2, 85-12537  
GAO/GGD-84-85, 85-12534  
GAO/HRD-84-76, 85-12535  
GAO/OCG-84-3, 85-12536  
GEAP-22054, 85-13718  
General information leaflet (United States. General Services Administration) ; no. 26., 85-12557  
General technical report FPL ; 42, 85-11935  
General technical report INT ; 159, 85-11936  
General technical report INT ; 162, 85-11937  
General technical report NE ; 88, 85-11938

General technical report NE ; 96, 85-11939  
General technical report PSW ; 71, 85-11940  
General technical report RM ; 107, 85-11941  
General technical report RM ; 111, 85-11942  
General technical report SE ; 27, 85-11943  
General technical report SO ; 45, 85-11944  
General technical report WO ; 38, 85-11945  
General technical report WO ; 41, 85-11946  
Geological Survey water-supply paper ; 2224, 85-12740  
Geology note ; 4, 85-11955  
Gist, 85-13535  
GP-R-221020, 85-13725  
GR-84-13, 85-12905  
GT & PDL report ; no. 170, 85-13261

## H

H.A.S.C. no. 98-50, 85-13784  
H.A.S.C. no. 98-53, 85-13785  
H.A.S.C. no. 98-54, 85-13786  
H.O. pub. ; no. 950., 85-12149  
HCM data investigation ; HFO-002, 85-13369  
Health technology case study ; 28, 85-13751  
Health technology case study ; 29, 85-13752  
Health technology case study ; 30, 85-13753  
Health technology case study ; 31, 85-13754  
HHO-20/10-84 (10 M) E, 85-13592  
HMC-12.2/11-84(3 M 250)QE, 85-13602  
Hospital Cost and Utilization Project research note ; 1, 85-12695  
House document (United States. Congress (97th, 1st session : 1981). House) ; no. 99-51., 85-13675  
House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-49., 85-13673  
House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-50., 85-13674  
House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-53., 85-13676  
House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-55., 85-13677  
House document (United States. Congress (98th, 1st session : 1983). House) ; no. 98-56., 85-13678  
House document (United States. Congress (98th, 2nd session : 1984). House) ; no. 98-274., 85-13679  
House document (United States. Congress (99th, 1st session : 1985). House) ; no. 99-16, 85-13680

House document (United States. Congress (99th, 1st session : 1985). House) ; no. 99-19., 85-13681  
HRD-10/10-84 (3-5 M) EW, 85-13596  
HRD-10/11-84 (500) EW, 85-13594  
HS-806504, 85-13631  
HUD-PDR-903, 85-12724  
HUD-PDR-904, 85-12723  
HW-8.4, 85-12479

## I

Information brochure (United States. Selective Service System) ; no. 10., 85-13749  
Information bulletin (United States. Veterans Administration) ; IB 90-5., 85-13649  
Instruction report (U.S. Army Engineer Waterways Experiment Station) ; K-84-2., 85-12321  
Interim report (NASA-Virginia Tech. Composites Program) ; 39., 85-13288  
Interim report (NASA-Virginia Tech. Composites Program) ; 41., 85-13280  
Interim report (NASA-Virginia Tech. Composites Program) ; 42., 85-13252  
Interim report (NASA-Virginia Tech. Composites Program) ; 45., 85-13088  
International marketing information series, 85-12121  
IR-AL-020, 85-13165  
IR-AL-026, 85-13166  
Issues and practices in criminal justice, 85-13005

## J

JCS pub. ; 15, 85-12142  
JPL bibliography ; 39-24, 85-13251  
JPL publication ; 82-43, 85-13324  
JPL publication ; 82-44, vol. 3-5, 85-13221  
JPL publication ; 82-44, volume II, 85-13220  
JPL publication ; 83-11, 85-13215  
JPL publication ; 83-26, 85-13228  
JPL publication ; 83-36, 85-13236  
JPL publication ; 83-38, 85-13232  
JPL publication ; 83-51, 85-13233  
JPL publication ; 83-56, 85-13234  
JPL publication ; 83-58, 85-13235  
JPL publication ; 83-60, 85-13219  
JPL publication ; 83-61, 85-13318  
JPL publication ; 83-64, 85-13227  
JPL publication ; 83-73, 85-13229  
JPL publication ; 83-75, 85-13226  
JPL publication ; 83-80., 85-13231  
JPL publication ; 83-82, 85-13330  
JPL publication ; 83-88, 85-13327  
JPL publication ; 83-90, 85-13259  
JPL publication ; 83-97, 85-13320  
JPL publication ; 84-4, 85-13315  
JPL publication ; 84-5, 85-13328  
JPL publication ; 84-6, 85-13326  
JPL publication ; 84-8, 85-13325

# June 1985

JPL publication ; 84-9, 85-13323  
 JPL publication ; 84-10, 85-13321  
 JPL publication ; 84-11, 85-13322  
 JPL publication ; 84-12, 85-13332  
 JPL publication ; 84-13, 85-13333  
 JPL publication ; 84-15, 85-13329  
 JPL publication ; 84-16, 85-13317  
 JPL publication ; 84-17, 85-13316  
 JPL publication ; 84-22, 85-13319  
 JPL publication ; 84-23, 85-13334  
 JPL publication ; 84-24, 85-13331  
 JPL publication ; 84-25, 85-13314  
 JPL publication ; 84-27, 85-13338  
 JPL publication ; 84-30, 85-13313  
 JPL publication ; 400-205., 85-13203  
 JPL publication ; 9950-835., 85-13339  
 JPL publication ; 9950-837., 85-13347  
 JPL publication ; 9950-902., 85-13349  
 JPL publication ; 9950-903., 85-13345  
 JPL publication ; 9950-908., 85-13335  
 JPL publication ; 9950-913., 85-13348  
 JPL publication ; 9950-921., 85-13340  
 JPL publication ; 9950-905., 85-13342

## K

KU-FRL-417-22, 85-13216

## L

L-15802, 85-13462  
 LC science tracer bullet, 0090-5232 ; TB 84-5, 85-13026  
 LMSC-D 889718, 85-13303, 85-13305, 85-13306  
 LMSC-HREC TR ; D 951333, 85-13435  
 LMSC-TR ; D 951498, 85-13354  
 LPI contribution 526, 85-13440

## M

M-212, 85-12998  
 M 2058 (048), 85-13598  
 Management analysis series, 85-13491  
 Management skills for ICNs ; module 1.0, 85-12705  
 Management skills for ICNs ; module 4.0, 85-12703  
 Management skills for ICNs ; module 5.0, 85-12704  
 Manual (Peace Corps (U.S.). Information Collection and Exchange) ; M 29., 85-13485  
 Marketing research report ; no. 1140, 85-11877  
 MC 82-A-2 (P), 85-12020  
 MC 82-A-5 (P), 85-12021  
 MC 82-A-9 (P), 85-12022  
 MC 82-I-20 A-1 (P), 85-12023  
 MC 82-I-22 A-2 (P), 85-12024  
 MC 82-I-22 C-3 (P), 85-12025  
 MC 82-I-23 A-7 (P), 85-12026  
 MC 82-I-23 C-7 (P), 85-12027

MC 82-I-23 D-4 (P), 85-12028  
 MC 82-I-29 A-1 (P), 85-12029  
 MC 82-I-32 A-3 (P), 85-12030  
 MC 82-I-33 D-6 (P), 85-12031  
 MC 82-I-35 B-1 (P), 85-12032  
 MC 82-I-37 C-6 (P), 85-12033  
 MC 82-S-3 (P), 85-12034  
 Memorandum (Centers for Disease Control (U.S.)), 85-12700, 85-12701  
 Mental health service system reports. Series BN, Needs assessment and evaluation ; no. 5, 85-12710  
 Mental health statistical note ; no. 166, 85-12711  
 Mental health statistical note ; no. 167, 85-12712  
 MET 37-83-N, 85-13312  
 Miscellaneous investigations series ; map I-1407., 85-12888  
 Miscellaneous investigations series ; map I-1482, 85-12889  
 Miscellaneous investigations series ; map I-1512, 85-12890  
 Miscellaneous investigations series ; map I-1513, 85-12891  
 Miscellaneous investigations series ; map I-1514, 85-12892  
 Miscellaneous investigations series ; map I-1572, 85-12893  
 Miscellaneous investigations series ; map I-1573, 85-12894  
 Miscellaneous publication (United States. Dept. of Agriculture) ; no. 1063., 85-11854  
 Miscellaneous publication (United States. Dept. of Agriculture) ; no. 1419., 85-11855  
 Miscellaneous publication (United States. Dept. of Agriculture) ; no. 1436., 85-11856  
 Monograph series (Latino Institute (Reston, Va.)) ; 2., 85-12468  
 MU 50458 - 19870 A, 85-13598

## N

N 84-10173, 85-13363  
 N 84-10641, 85-13371  
 N 84-10642, 85-13372  
 N 84-11197, 85-13183  
 N 84-11457, 85-13092  
 N 84-11544, 85-13367  
 N 84-11545, 85-13368  
 N 84-11546, 85-13369  
 N 84-11549, 85-13374  
 N 84-11550, 85-13375  
 N 84-11551, 85-13376  
 N 84-11552, 85-13377  
 N 84-11553, 85-13378  
 N 84-11554, 85-13380  
 N 84-12336, 85-13204  
 N 84-12555, 85-13370  
 N 84-12556, 85-13379  
 N 84-12742, 85-13180  
 N 84-12777, 85-13178  
 N 84-13221, 85-13188  
 N 84-13222, 85-13188  
 N 84-13492, 85-13179  
 N 84-13493, 85-13192  
 N 84-13627, 85-13366  
 N 84-13630, 85-13381  
 N 84-13637, 85-13382  
 N 84-13638, 85-13383  
 N 84-13639, 85-13364  
 N 84-13640, 85-13384  
 N 84-13641, 85-13385  
 N 84-13642, 85-13387  
 N 84-13643, 85-13386  
 N 84-14123, 85-13186  
 N 84-15268, 85-13193  
 N 84-15632, 85-13405  
 N 84-15811, 85-13187  
 N 84-15896, 85-13190  
 N 84-15897, 85-13191  
 N 84-16115 thru N 84-16118, 85-13214  
 N 84-16140, 85-13195  
 N 84-16167, 85-13211  
 N 84-16177, 85-13184  
 N 84-16227, 85-13236  
 N 84-16233, 85-13212  
 N 84-16248, 85-13417  
 N 84-16337, 85-13237  
 N 84-16390 thru N 84-16420, 85-13215  
 N 84-16428, 85-13232  
 N 84-16429, 85-13227  
 N 84-16460, 85-13205  
 N 84-16486, 85-13209  
 N 84-16495, 85-13182  
 N 84-16528, 85-13226  
 N 84-16586, 85-13189  
 N 84-16640, 85-13219  
 N 84-16642, 85-13235  
 N 84-16644, 85-13229  
 N 84-16656, 85-13233  
 N 84-16663, 85-13206  
 N 84-16703, 85-13234  
 N 84-16704, 85-13231  
 N 84-16711, 85-13218  
 N 84-16721, 85-13207  
 N 84-16745, 85-13222  
 N 84-16791, 85-13228  
 N 84-16821, 85-13185  
 N 84-16855, 85-13217  
 N 84-16856, 85-13230  
 N 84-16872 thru N 84-16875, 85-13225  
 N 84-16935, 85-13196  
 N 84-16942, 85-13216  
 N 84-16954 thru N 84-16957, 85-13213  
 N 84-16985, 85-13224  
 N 84-17013, 85-13208  
 N 84-17091, 85-13223  
 N 84-17096, 85-13220  
 N 84-17097-17099, 85-13221  
 N 84-17103, 85-13210  
 N 84-19283, 85-13433

# Series/Report Index

N 84-19284, 85-13429  
 N 84-19392, 85-13432  
 N 84-19495, 85-13430  
 N 84-19568, 85-13438  
 N 84-19620, 85-13447  
 N 84-19744, 85-13426  
 N 84-19745, 85-13431  
 N 84-19746, 85-13425  
 N 84-19748, 85-13435  
 N 84-19803, 85-13434  
 N 84-19960, 85-13418  
 N 84-19963, 85-13419  
 N 84-19964, 85-13420  
 N 84-19965, 85-13421  
 N 84-19966 thru N 84-19970, 85-13422  
 N 84-20030, 85-13436  
 N 84-20041, 85-13439  
 N 84-20126, 85-13427  
 N 84-20135, 85-13446  
 N 84-20197, 85-13449  
 N 84-20468, 85-13428  
 N 84-20488, 85-13441  
 N 84-20504, 85-13448  
 N 84-20844, 85-13453  
 N 84-20905, 85-13437  
 N 84-20970, 85-13450  
 N 84-20988, 85-13451  
 N 84-21437, 85-13443  
 N 84-21447, 85-13442  
 N 84-21448 thru N 84-21464, 85-13440  
 N 84-21478, 85-13424  
 N 84-21480, 85-13452  
 N 84-21586, 85-13454  
 N 84-22228, 85-13444  
 N 84-22523, 85-13445  
 N 84-23431, 85-13121  
 N 84-23978, 85-13242  
 N 84-24567, 85-13200  
 N 84-24580, 85-13396  
 N 84-24586, 85-13261  
 N 84-24593, 85-13162  
 N 84-24600, 85-13247  
 N 84-24601, 85-13246  
 N 84-24691, 85-13409  
 N 84-24692, 85-13248  
 N 84-24699, 85-13168  
 N 84-24700, 85-13253  
 N 84-24716, 85-13172  
 N 84-24774, 85-13398  
 N 84-24809, 85-13146  
 N 84-24810, 85-13256  
 N 84-24918, 85-13245  
 N 84-24920, 85-13410  
 N 84-24921, 85-13257  
 N 84-24923, 85-13264  
 N 84-24924, 85-13254  
 N 84-24973, 85-13158  
 N 84-24974, 85-13265  
 N 84-24975, 85-13263  
 N 84-25001, 85-13244  
 N 84-25002, 85-13262  
 N 84-25018, 85-13163

N 84-25036, 85-13408  
 N 84-25046, 85-13175  
 N 84-25065, 85-13395  
 N 84-25162, 85-13155  
 N 84-25163, 85-13159  
 N 84-25167, 85-13259  
 N 84-25168, 85-13260  
 N 84-25169, 85-13160  
 N 84-25195, 85-13249  
 N 84-25204, 85-13171  
 N 84-25205, 85-13170  
 N 84-25217, 85-13164  
 N 84-25222, 85-13169  
 N 84-25223, 85-13083  
 N 84-25272, 85-13250  
 N 84-25307 thru N 84-25324, 85-13150  
 N 84-25325, 85-13407  
 N 84-25334, 85-13165  
 N 84-25335, 85-13166  
 N 84-25336, 85-13258  
 N 84-25366, 85-13194  
 N 84-25481, 85-13174  
 N 84-25510, 85-13251  
 N 84-25566, 85-13243  
 N 84-25584, 85-13173  
 N 84-25587, 85-13266  
 N 84-25588 thru N 84-25601, 85-13203  
 N 84-25605, 85-13071  
 N 84-25606, 85-13074  
 N 84-25607, 85-13072  
 N 84-25639, 85-13272  
 N 84-25642, 85-13152  
 N 84-25644, 85-13051  
 N 84-25645, 85-13093  
 N 84-25646, 85-13397  
 N 84-25647, 85-13055  
 N 84-25648, 85-13107  
 N 84-25684, 85-13151  
 N 84-25701, 85-13199  
 N 84-25702, 85-13198  
 N 84-25710, 85-13391  
 N 84-25711, 85-13393  
 N 84-25712, 85-13053  
 N 84-25713, 85-13070  
 N 84-25745, 85-13035  
 N 84-25752, 85-13167  
 N 84-25753, 85-13063  
 N 84-25756, 85-13273  
 N 84-25762, 85-13049  
 N 84-25764, 85-13073  
 N 84-25766, 85-13069  
 N 84-25767, 85-13280  
 N 84-25768, 85-13252  
 N 84-25769, 85-13088  
 N 84-25770, 85-13065  
 N 84-25776, 85-13270  
 N 84-25778, 85-13036  
 N 84-25779, 85-13275  
 N 84-25791, 85-13277  
 N 84-25792, 85-13276  
 N 84-25793, 85-13061  
 N 84-25794, 85-13201

N 84-25830, 85-13056  
 N 84-25831, 85-13047  
 N 84-25854, 85-13388  
 N 84-25889 thru N 84-25905, 85-13267  
 N 84-25907, 85-13084  
 N 84-25908, 85-13052  
 N 84-25909, 85-13089  
 N 84-25926, 85-13050  
 N 84-25927, 85-13094  
 N 84-25946, 85-13068  
 N 84-25947, 85-13096  
 N 84-26008, 85-13177  
 N 84-26010, 85-13064  
 N 84-26011, 85-13274  
 N 84-26029, 85-13048  
 N 84-26054, 85-13114  
 N 84-26165, 85-13394  
 N 84-26182, 85-13255  
 N 84-26183, 85-13120  
 N 84-26184, 85-13284  
 N 84-26232, 85-13268  
 N 84-26233, 85-13115  
 N 84-26234, 85-13271  
 N 84-26274, 85-13238  
 N 84-26275, 85-13176  
 N 84-26298, 85-13197  
 N 84-26312, 85-13278  
 N 84-26313, 85-13279  
 N 84-26319, 85-13239  
 N 84-26323, 85-13091  
 N 84-26324, 85-13269  
 N 84-26325, 85-13281  
 N 84-26326, 85-13283  
 N 84-26327, 85-13282  
 N 84-26667, 85-13033  
 N 84-27679, 85-13101  
 N 84-27680, 85-13111  
 N 84-27681, 85-13312  
 N 84-27684, 85-13034  
 N 84-27696, 85-13044  
 N 84-27697, 85-13136  
 N 84-27698, 85-13136  
 N 84-27714, 85-13317  
 N 84-27717, 85-13310  
 N 84-27718, 85-13109  
 N 84-27720, 85-13138  
 N 84-27722, 85-13137  
 N 84-27743, 85-13085  
 N 84-27755, 85-13296  
 N 84-27779, 85-13324  
 N 84-27780, 85-13307  
 N 84-27785, 85-13106  
 N 84-27788, 85-13293  
 N 84-27789, 85-13292  
 N 84-27790, 85-13291  
 N 84-27795, 85-13294  
 N 84-27796, 85-13294  
 N 84-27797, 85-13309  
 N 84-27798, 85-13294  
 N 84-27801, 85-13294  
 N 84-27802, 85-13302

# June 1985

N 84-27803, 85-13297  
 N 84-27804, 85-13297  
 N 84-27805, 85-13352  
 N 84-27810, 85-13304  
 N 84-27811, 85-13303  
 N 84-27812, 85-13306  
 N 84-27813, 85-13305  
 N 84-27814, 85-13290  
 N 84-27815, 85-13308  
 N 84-27816, 85-13301  
 N 84-27817, 85-13289  
 N 84-27818, 85-13298  
 N 84-27819, 85-13295  
 N 84-27824, 85-13082  
 N 84-27825, 85-13059  
 N 84-27830, 85-13288  
 N 84-27831, 85-13067  
 N 84-27832, 85-13066  
 N 84-27833, 85-13097  
 N 84-27834, 85-13099  
 N 84-27857, 85-13075  
 N 84-27858, 85-13057  
 N 84-27859, 85-13058  
 N 84-27887, 85-13076  
 N 84-27888, 85-13455  
 N 84-27909, 85-13157  
 N 84-27954, 85-13054  
 N 84-27955, 85-13413  
 N 84-27956, 85-13332  
 N 84-27976, 85-13416  
 N 84-27977, 85-13103  
 N 84-27980, 85-13406  
 N 84-27981, 85-13330  
 N 84-27982, 85-13315  
 N 84-27999, 85-13153  
 N 84-28000, 85-13098  
 N 84-28001, 85-13112  
 N 84-28002, 85-13149  
 N 84-28003, 85-13322  
 N 84-28057, 85-13154  
 N 84-28058, 85-13412  
 N 84-28059, 85-13161  
 N 84-28066, 85-13285  
 N 84-28067, 85-13326  
 N 84-28087, 85-13077  
 N 84-28088, 85-13080  
 N 84-28089, 85-13389  
 N 84-28108, 85-13300  
 N 84-28109, 85-13037  
 N 84-28110, 85-13286  
 N 84-28111, 85-13038  
 N 84-28207, 85-13338  
 N 84-28208, 85-13335  
 N 84-28209, 85-13341  
 N 84-28210, 85-13331  
 N 84-28211, 85-13318  
 N 84-28212, 85-13323  
 N 84-28213, 85-13340  
 N 84-28214, 85-13339  
 N 84-28217, 85-13314  
 N 84-28218, 85-13313  
 N 84-28219, 85-13336

N 84-28220, 85-13325  
 N 84-28221, 85-13342  
 N 84-28223, 85-13320  
 N 84-28224 thru N84-28258, 85-13333  
 N 84-28266, 85-13240  
 N 84-28267, 85-13327  
 N 84-28275, 85-13411  
 N 84-28276, 85-13414  
 N 84-28277, 85-13118  
 N 84-28279, 85-13287  
 N 84-28295, 85-13119  
 N 84-28296, 85-13316  
 N 84-28355, 85-13328  
 N 84-28391, 85-13086  
 N 84-28485, 85-13321  
 N 84-28494, 85-13202  
 N 84-28513, 85-13102  
 N 84-28514, 85-13095  
 N 84-28515, 85-13148  
 N 84-28516, 85-13147  
 N 84-28517, 85-13043  
 N 84-28518, 85-13045  
 N 84-28535, 85-13117  
 N 84-28537, 85-13241  
 N 84-28544, 85-13311  
 N 84-28569, 85-13299  
 N 84-28576, 85-13319  
 N 84-28613, 85-13337  
 N 84-28614 thru N 84-28648, 85-13334  
 N 84-28661, 85-13090  
 N 84-28668, 85-13087  
 N 84-28682, 85-13329  
 N 84-28710, 85-13039  
 N 84-28712, 85-13116  
 N 84-28721, 85-13415  
 N 84-28725, 85-13123  
 N 84-28739, 85-13042  
 N 84-29161, 85-13361  
 N 84-29207, 85-13356  
 N 84-29223, 85-13081  
 N 84-29224, 85-13079  
 N 84-29244, 85-13354  
 N 84-29245, 85-13100  
 N 84-29246, 85-13040  
 N 84-29247, 85-13060  
 N 84-29248, 85-13078  
 N 84-29252, 85-13362  
 N 84-29347, 85-13062  
 N 84-29348, 85-13347  
 N 84-29349, 85-13350  
 N 84-29350, 85-13345  
 N 84-29351, 85-13346  
 N 84-29352, 85-13343  
 N 84-29353, 85-13344  
 N 84-29354, 85-13349  
 N 84-29355, 85-13348  
 N 84-29358, 85-13402  
 N 84-29396, 85-13041  
 N 84-29432, 85-13353  
 N 84-29456, 85-13104  
 N 84-29464, 85-13355  
 N 84-29478, 85-13105

N 84-29500, 85-13046  
 N 84-29542, 85-13359  
 N 84-29544, 85-13108  
 N 84-29545, 85-13124  
 N 84-29556, 85-13110  
 N 84-29561, 85-13360  
 N 84-29640, 85-13126  
 N 84-29685, 85-13357  
 N 84-29686, 85-13113  
 N 84-29805, 85-13401  
 N 84-29840, 85-13122  
 N 84-29842, 85-13358  
 N 84-29843, 85-13351  
 N 84-29908, 85-13392  
 N 84-127788, 85-13181  
 NA-FB/P ; 26, 85-11951  
 NA-FB/P ; 27, 85-11952  
 NASA conference publication ; 2307, 85-13456  
 NASA conference publication ; 2343, part 2, 85-13458  
 NASA conference publication ; 2343, pt.1., 85-13459  
 NASA contractor report ; 3251-3252, 85-13136  
 NASA contractor report ; 3290, 85-13137  
 NASA contractor report ; 3468, 85-13138  
 NASA contractor report ; 3820, 85-13139  
 NASA contractor report ; 3826, 85-13140  
 NASA contractor report ; 3832, 85-13141  
 NASA contractor report ; 3835, 85-13142  
 NASA contractor report ; 3839, 85-13143  
 NASA contractor report ; 3842, 85-13144  
 NASA contractor report ; 3844, 85-13145  
 NASA contractor report ; 163325, 85-13146  
 NASA contractor report ; 165831, 85-13147  
 NASA contractor report ; 165832, 85-13148  
 NASA contractor report ; 165925, 85-13149  
 NASA contractor report ; 166008, 85-13150  
 NASA contractor report ; 166276., 85-13455  
 NASA contractor report ; 166530, 85-13151  
 NASA contractor report ; 166572, 85-13152  
 NASA contractor report ; 166583, 85-13153  
 NASA contractor report ; 166584, 85-13154  
 NASA contractor report ; 168181., 85-13155  
 NASA contractor report ; 168218, 85-13156  
 NASA contractor report ; 168242., 85-13157  
 NASA contractor report ; 168253., 85-13158

# Series/Report Index

NASA contractor report ; 168268., 85-13159	NASA contractor report ; 172279, 85-13193	NASA contractor report ; 173200., 85-13226
NASA contractor report ; 168298., 85-13160	NASA contractor report ; 172286, 85-13194	NASA contractor report ; 173201., 85-13227
NASA contractor report ; 168347, 85-13161	NASA contractor report ; 172287, 85-13195	NASA contractor report ; 173202., 85-13228
NASA contractor report ; 170411, 85-13162	NASA contractor report ; 172290, 85-13196	NASA contractor report ; 173203., 85-13229
NASA contractor report ; 171017., 85-13163	NASA contractor report ; 172311, 85-13197	NASA contractor report ; 173207., 85-13230
NASA contractor report ; 171023., 85-13164	NASA contractor report ; 172313, 85-13198	NASA contractor report ; 173208., 85-13231
NASA contractor report ; 171025., 85-13165	NASA contractor report ; 172336, 85-13199	NASA contractor report ; 173209., 85-13232
NASA contractor report ; 171026., 85-13166	NASA contractor report ; 172339, 85-13200	NASA contractor report ; 173210., 85-13233
NASA contractor report ; 171027., 85-13167	NASA contractor report ; 172343, 85-13201	NASA contractor report ; 173211., 85-13234
NASA contractor report ; 171028., 85-13168	NASA contractor report ; 172375, 85-13202	NASA contractor report ; 173212., 85-13235
NASA contractor report ; 171029, 85-13169	NASA contractor report ; 172804., 85-13203	NASA contractor report ; 173213., 85-13236
NASA contractor report ; 171031., 85-13170	NASA contractor report ; 173077., 85-13204	NASA contractor report ; 173214., 85-13237
NASA contractor report ; 171032., 85-13171	NASA contractor report ; 173145., 85-13205	NASA contractor report ; 173437., 85-13238
NASA contractor report ; 171034., 85-13172	NASA contractor report ; 173146., 85-13206	NASA contractor report ; 173438., 85-13239
NASA contractor report ; 171035., 85-13173	NASA contractor report ; 173147., 85-13207	NASA contractor report ; 173445., 85-13240
NASA contractor report ; 171038., 85-13174	NASA contractor report ; 173148., 85-13208	NASA contractor report ; 173448., 85-13241
NASA contractor report ; 171039., 85-13175	NASA contractor report ; 173149., 85-13209	NASA contractor report ; 173491., 85-13243
NASA contractor report ; 171786., 85-13176	NASA contractor report ; 173150., 85-13210	NASA contractor report ; 173514., 85-13244
NASA contractor report ; 172250, 85-13178	NASA contractor report ; 173181., 85-13211	NASA contractor report ; 173515., 85-13245
NASA contractor report ; 172251, 85-13179	NASA contractor report ; 173182., 85-13212	NASA contractor report ; 173517., 85-13246
NASA contractor report ; 172252, 85-13180	NASA contractor report ; 173183., 85-13213	NASA contractor report ; 173529., 85-13247
NASA contractor report ; 172254., 85-13181	NASA contractor report ; 173184., 85-13214	NASA contractor report ; 173536., 85-13248
NASA contractor report ; 172256, 85-13182	NASA contractor report ; 173186., 85-13215	NASA contractor report ; 173537., 85-13249
NASA contractor report ; 172257, 85-13183	NASA contractor report ; 173187., 85-13216	NASA contractor report ; 173538., 85-13250
NASA contractor report ; 172258, 85-13184	NASA contractor report ; 173188., 85-13217	NASA contractor report ; 173539., 85-13251
NASA contractor report ; 172262, 85-13185	NASA contractor report ; 173189., 85-13218	NASA contractor report ; 173540., 85-13252
NASA contractor report ; 172264, 85-13186	NASA contractor report ; 173190., 85-13219	NASA contractor report ; 173547., 85-13253
NASA contractor report ; 172267, 85-13187	NASA contractor report ; 173192., 85-13220	NASA contractor report ; 173548., 85-13254
NASA contractor report ; 172269, 172270, 85-13188	NASA contractor report ; 173193-173195., 85-13221	NASA contractor report ; 173549., 85-13255
NASA contractor report ; 172272, 85-13189	NASA contractor report ; 173196., 85-13222	NASA contractor report ; 173550., 85-13256
NASA contractor report ; 172273, 85-13190	NASA contractor report ; 173197., 85-13223	NASA contractor report ; 173551., 85-13257
NASA contractor report ; 172274, 85-13191	NASA contractor report ; 173198., 85-13224	NASA contractor report ; 173552., 85-13258
NASA contractor report ; 172275, 85-13192	NASA contractor report ; 173199., 85-13225	

# June 1985

NASA contractor report ; 173553., 85-13259	NASA contractor report ; 173697., 85-13292	NASA contractor report ; 173733., 85-13321
NASA contractor report ; 173554., 85-13260	NASA contractor report ; 173698., 85-13293	NASA contractor report ; 173734., 85-13322
NASA contractor report ; 173555., 85-13261	NASA contractor report ; 173699., 85-13294	NASA contractor report ; 173735., 85-13323
NASA contractor report ; 173556., 85-13262	NASA contractor report ; 173700., 85-13294	NASA contractor report ; 173736., 85-13324
NASA contractor report ; 173557., 85-13263	NASA contractor report ; 173701., 85-13294	NASA contractor report ; 173737., 85-13325
NASA contractor report ; 173558., 85-13264	NASA contractor report ; 173702., 85-13294	NASA contractor report ; 173738., 85-13326
NASA contractor report ; 173560., 85-13265	NASA contractor report ; 173703., 85-13295	NASA contractor report ; 173739., 85-13327
NASA contractor report ; 173561., 85-13266	NASA contractor report ; 173704., 85-13296	NASA contractor report ; 173740., 85-13328
NASA contractor report ; 173565., 85-13267	NASA contractor report ; 173705., 85-13297	NASA contractor report ; 173741., 85-13329
NASA contractor report ; 173590., 85-13268	NASA contractor report ; 173706., 85-13297	NASA contractor report ; 173742., 85-13330
NASA contractor report ; 173593., 85-13269	NASA contractor report ; 173707., 85-13298	NASA contractor report ; 173743., 85-13331
NASA contractor report ; 173594., 85-13270	NASA contractor report ; 173708., 85-13299	NASA contractor report ; 173744., 85-13332
NASA contractor report ; 173595., 85-13271	NASA contractor report ; 173709., 85-13300	NASA contractor report ; 173745., 85-13333
NASA contractor report ; 173596., 85-13272	NASA contractor report ; 173710., 85-13301	NASA contractor report ; 173746., 85-13334
NASA contractor report ; 173597., 85-13273	NASA contractor report ; 173711., 85-13302	NASA contractor report ; 173747., 85-13335
NASA contractor report ; 173602., 85-13274	NASA contractor report ; 173712., 85-13303	NASA contractor report ; 173748., 85-13336
NASA contractor report ; 173605., 85-13275	NASA contractor report ; 173713., 85-13304	NASA contractor report ; 173749., 85-13337
NASA contractor report ; 173607., 85-13276	NASA contractor report ; 173715., 85-13305	NASA contractor report ; 173752., 85-13338
NASA contractor report ; 173610., 85-13277	NASA contractor report ; 173716., 85-13306	NASA contractor report ; 173753., 85-13339
NASA contractor report ; 173612., 85-13278	NASA contractor report ; 173717., 85-13307	NASA contractor report ; 173754., 85-13340
NASA contractor report ; 173613., 85-13279	NASA contractor report ; 173718., 85-13308	NASA contractor report ; 173755., 85-13341
NASA contractor report ; 173616., 85-13280	NASA contractor report ; 173719., 85-13309	NASA contractor report ; 173756., 85-13342
NASA contractor report ; 173617., 85-13281	NASA contractor report ; 173721., 85-13310	NASA contractor report ; 173758., 85-13343
NASA contractor report ; 173619., 85-13282	NASA contractor report ; 173722., 85-13311	NASA contractor report ; 173759., 85-13344
NASA contractor report ; 173620., 85-13283	NASA contractor report ; 173723., 85-13312	NASA contractor report ; 173760., 85-13345
NASA contractor report ; 173621., 85-13284	NASA contractor report ; 173724., 85-13313	NASA contractor report ; 173761., 85-13346
NASA contractor report ; 173678., 85-13285	NASA contractor report ; 173725., 85-13314	NASA contractor report ; 173762., 85-13347
NASA contractor report ; 173679., 85-13286	NASA contractor report ; 173726., 85-13315	NASA contractor report ; 173763., 85-13348
NASA contractor report ; 173680., 85-13287	NASA contractor report ; 173727., 85-13316	NASA contractor report ; 173764., 85-13349
NASA contractor report ; 173681., 85-13288	NASA contractor report ; 173728., 85-13317	NASA contractor report ; 173766., 85-13350
NASA contractor report ; 173691., 85-13289	NASA contractor report ; 173730., 85-13318	NASA contractor report ; 173767., 85-13351
NASA contractor report ; 173692., 85-13290	NASA contractor report ; 173731., 85-13319	NASA contractor report ; 173769., 85-13352
NASA contractor report ; 173696., 85-13291	NASA contractor report ; 173732., 85-13320	

# Series/Report Index

NASA contractor report ; 173777., 85-13353	NASA contractor report ; 174627., 85-13388	NASA contractor report ; 175393., 85-13427
NASA contractor report ; 173779., 85-13354	NASA contractor report ; 174629., 85-13389	NASA contractor report ; 175394., 85-13428
NASA contractor report ; 173782., 85-13355	NASA contractor report ; 174631., 85-13390	NASA contractor report ; 175395., 85-13429
NASA contractor report ; 173783., 85-13356	NASA contractor report ; 174640., 85-13391	NASA contractor report ; 175396., 85-13430
NASA contractor report ; 173784., 85-13357	NASA contractor report ; 174650., 85-13393	NASA contractor report ; 175397., 85-13431
NASA contractor report ; 173798., 85-13358	NASA contractor report ; 174660., 85-13394	NASA contractor report ; 175398., 85-13432
NASA contractor report ; 173803., 85-13359	NASA contractor report ; 174666., 85-13395	NASA contractor report ; 175399., 85-13433
NASA contractor report ; 173804., 85-13360	NASA contractor report ; 174675., 85-13396	NASA contractor report ; 175400., 85-13434
NASA contractor report ; 173817., 85-13361	NASA contractor report ; 174680., 85-13397	NASA contractor report ; 175401., 85-13435
NASA contractor report ; 173821., 85-13362	NASA contractor report ; 174683., 85-13398	NASA contractor report ; 175404., 85-13436
NASA contractor report ; 174450., 85-13363	NASA contractor report ; 174691., 85-13399, 85-13400	NASA contractor report ; 175405., 85-13437
NASA contractor report ; 174516., 85-13365	NASA contractor report ; 174694., 85-13401	NASA contractor report ; 175406., 85-13438
NASA contractor report ; 174517., 85-13366	NASA contractor report ; 174725., 85-13402	NASA contractor report ; 175425., 85-13449
NASA contractor report ; 174518., 85-13367	NASA contractor report ; 174756., 85-13403	NASA contractor report ; 175428., 85-13450
NASA contractor report ; 174519., 85-13368	NASA contractor report ; 174757., 85-13404	NASA contractor report ; 175430., 85-13451
NASA contractor report ; 174521., 85-13370	NASA contractor report ; 175123., 85-13405	NASA contractor report ; 175431., 85-13452
NASA contractor report ; 174522., 85-13371	NASA contractor report ; 175128., 85-13406	NASA contractor report ; 175433., 85-13453
NASA contractor report ; 174524., 85-13373	NASA contractor report ; 175227., 85-13407	NASA contractor report ; 175434., 85-13454
NASA contractor report ; 174526., 85-13374	NASA contractor report ; 175228., 85-13408	NASA contractor report ; 175906., 85-13420
NASA contractor report ; 174527., 85-13375	NASA contractor report ; 175230., 85-13409	NASA-CR ; 174642., 85-13392
NASA contractor report ; 174528., 85-13376	NASA contractor report ; 175240., 85-13411	NASA CR-3844, 85-13145
NASA contractor report ; 174529., 85-13377	NASA contractor report ; 175243., 85-13412	NASA facts ; KSC 135-81, 85-13133
NASA contractor report ; 174530., 85-13378	NASA contractor report ; 175244., 85-13413	NASA SP ; 469, 85-13134
NASA contractor report ; 174543., 85-13379	NASA contractor report ; 175245., 85-13414	NASA SP ; 481, 85-13135
NASA contractor report ; 174544., 85-13380	NASA contractor report ; 175248., 85-13415	NASA technical memorandum ; X-2532, 85-13033
NASA contractor report ; 174589., 85-13381	NASA contractor report ; 175249., 85-13416	NASA technical memorandum ; 90., 85-13448
NASA contractor report ; 174611., 85-13382	NASA contractor report ; 175341., 85-13417	NASA technical memorandum ; 81922, 85-13034
NASA contractor report ; 174612., 85-13383	NASA contractor report ; 175384., 85-13418	NASA technical memorandum ; 82578, 85-13035
NASA contractor report ; 174613., 85-13364	NASA contractor report ; 175385., 85-13419	NASA technical memorandum ; 82581, 85-13036
NASA contractor report ; 174614., 85-13384	NASA contractor report ; 175389., 85-13423	NASA technical memorandum ; 82583, 85-13037
NASA contractor report ; 174615., 85-13385	NASA contractor report ; 175390., 85-13424	NASA technical memorandum ; 82584, 85-13038
NASA contractor report ; 174616., 85-13386	NASA contractor report ; 175391., 85-13425	NASA technical memorandum ; 82586, 85-13039
NASA contractor report ; 174617., 85-13387	NASA contractor report ; 175392., 85-13426	NASA technical memorandum ; 82587, 85-13040
		NASA technical memorandum ; 82588, 85-13041

# June 1985

NASA technical memorandum ; 83111, 85-13042	NASA technical memorandum ; 83717, 85-13075	NASA technical memorandum ; 85945, 85-13108
NASA technical memorandum ; 83180, 85-13043	NASA technical memorandum ; 83719, 85-13076	NASA technical memorandum ; 85950, 85-13109
NASA technical memorandum ; 83218, 85-13044	NASA technical memorandum ; 83721, 85-13077	NASA technical memorandum ; 85957, 85-13110
NASA technical memorandum ; 83253, 85-13045	NASA technical memorandum ; 83722, 85-13078	NASA technical memorandum ; 85965, 85-13111
NASA technical memorandum ; 83304, 85-13046	NASA technical memorandum ; 83723, 85-13079	NASA technical memorandum ; 85973, 85-13112
NASA technical memorandum ; 83574, 85-13047	NASA technical memorandum ; 83724, 85-13080	NASA technical memorandum ; 85981, 85-13113
NASA technical memorandum ; 83608, 85-13048	NASA technical memorandum ; 83725, 85-13081	NASA technical memorandum ; 86044., 85-13114
NASA technical memorandum ; 83624, 85-13049	NASA technical memorandum ; 83728, 85-13082	NASA technical memorandum ; 86080., 85-13115
NASA technical memorandum ; 83625., 85-13050	NASA technical memorandum ; 84422., 85-13083	NASA technical memorandum ; 86088, 85-13116
NASA technical memorandum ; 83627., 85-13051	NASA technical memorandum ; 84425., 85-13084	NASA technical memorandum ; 86089., 85-13117
NASA technical memorandum ; 83633, 85-13052	NASA technical memorandum ; 84916, 85-13085	NASA technical memorandum ; 86091, 85-13118
NASA technical memorandum ; 83660, 85-13053	NASA technical memorandum ; 85386., 85-13086	NASA technical memorandum ; 86104., 85-13119
NASA technical memorandum ; 83662, 85-13054	NASA technical memorandum ; 85388., 85-13087	NASA technical memorandum ; 86119, 85-13120
NASA technical memorandum ; 83669, 85-13055	NASA technical memorandum ; 85478., 85-13088	NASA technical memorandum ; 86246, 85-13121
NASA technical memorandum ; 83670, 85-13056	NASA technical memorandum ; 85527., 85-13089	NASA technical memorandum ; 86249, 85-13122
NASA technical memorandum ; 83672, 85-13057	NASA technical memorandum ; 85554., 85-13090	NASA technical memorandum ; 86252, 85-13123
NASA technical memorandum ; 83673, 85-13058	NASA technical memorandum ; 85605., 85-13091	NASA technical memorandum ; 86255, 85-13124
NASA technical memorandum ; 83674, 85-13059	NASA technical memorandum ; 85681, 85-13092	NASA technical memorandum ; 86259, 85-13125
NASA technical memorandum ; 83675, 85-13060	NASA technical memorandum ; 85807, 85-13093	NASA technical memorandum ; 86261, 85-13126
NASA technical memorandum ; 83676., 85-13061	NASA technical memorandum ; 85809, 85-13094	NASA technical memorandum ; 86265, 85-13127
NASA technical memorandum ; 83680., 85-13062	NASA technical memorandum ; 85810, 85-13095	NASA technical memorandum ; 86653, 85-13128
NASA technical memorandum ; 83688, 85-13063	NASA technical memorandum ; 85812, 85-13096	NASA technical memorandum ; 87361, 85-13129
NASA technical memorandum ; 83692, 85-13064	NASA technical memorandum ; 85819, 85-13097	NASA technical paper ; 2217, 85-13460
NASA technical memorandum ; 83694, 85-13065	NASA technical memorandum ; 85824, 85-13098	NASA technical paper ; 2322, 85-13461
NASA technical memorandum ; 83696, 85-13066	NASA technical memorandum ; 85826, 85-13099	NASA technical paper ; 2343, 85-13462
NASA technical memorandum ; 83701, 85-13067	NASA technical memorandum ; 85828, 85-13100	NASA technical paper ; 2348, 85-13463
NASA technical memorandum ; 83704, 85-13068	NASA technical memorandum ; 85829, 85-13101	NASA technical paper ; 2358, 85-13464
NASA technical memorandum ; 83707, 85-13069	NASA technical memorandum ; 85830, 85-13102	NASA technical paper ; 2359, 85-13465
NASA technical memorandum ; 83708, 85-13070	NASA technical memorandum ; 85832, 85-13103	NASA technical paper ; 2366, 85-13466
NASA technical memorandum ; 83709, 85-13071	NASA technical memorandum ; 85867, 85-13104	NASA technical paper ; 2372, 85-13467
NASA technical memorandum ; 83710, 85-13072	NASA technical memorandum ; 85868, 85-13105	National poultry improvement plan report., 85-12006
NASA technical memorandum ; 83715, 85-13073	NASA technical memorandum ; 85907, 85-13106	NAVEDTRA 172-14-00-84, module 14, 85-12346
NASA technical memorandum ; 83716, 85-13074	NASA technical memorandum ; 85940, 85-13107	NAVEDTRA 10211-B 1, 85-12347
		NAVEDTRA 10923-D, 85-12357
		NAVEDTRA 37081, 85-12345
		NAVEDTRA 38050, 85-12344
		NAVEDTRA 43241 D, 85-12350
		NAVEDTRA 43300-4, 85-12351
		NAVEDTRA 43339 A, 85-12352
		NAVEDTRA 43357, 85-12353

NAVEDTRA 4340-9, 85-12354  
 NAVEDTRA 43413, 85-12355  
 NAVEDTRA 43431-5, 85-12356  
 NAVMC 26-84, 85-12141  
 NAVPERS 15517, 85-12358  
 NAVTRA 43231-5, 85-12348  
 NBS handbook ; 44, 85-12086  
 NBS technical note ; 1070, 85-12087  
 NBSIR ; 84-2908, 85-12088  
 NBSIR ; 84-3013, 85-12089  
 NBSIR ; 84-3015, 85-12090  
 NCC 1-11, 85-13353  
 NCES 84-217, 85-12443  
 NCES 84-224, 85-12442  
 NCHS advancedata ; no. 102, 85-12689  
 NCHS advancedata ; no. 103, 85-12690  
 NCHSR national health care expenditures study. Data preview ; 18, 85-12694  
 NCHSR program notes, 85-12693  
 NCHSR research report series, 85-12692  
 NCI/ICRDB/OB-/84/05, 85-12667  
 NCI/ICRDB/OB-84/04, 85-12666  
 NCI/ICRDB/OT-84/01, 85-12668  
 NCI/ICRDB/OT-84/02, 85-12669  
 NCJ-75374, 85-13006  
 NCJ-90307 (v. 2), 85-13006  
 NCJ-92596, 85-13007  
 NIJ comprehensive bibliography, 85-13004  
 NIJ executive summary, 85-13002, 85-13003  
 NIJ research report, 85-13001  
 No. 8 (United States. Congress. House. Committee on Interior and Insular Affairs), 85-13881  
 No. 21 (United States. Congress. House. Committee on Armed Services), 85-13783  
 No. 23 (United States. Congress. House. Committee on Armed Services), 85-13782  
 No. 87 (United States. Congress. House. Committee on Veterans' Affairs), 85-13936  
 No. 122 (United States. Congress. House. Committee on Science and Technology), 85-13921  
 No. 125 (United States. Congress. House. Committee on Science and Technology), 85-13922  
 No. 127 (United States. Congress. House. Committee on Science and Technology), 85-13923  
 No. 128 (United States. Congress. House. Committee on Science and Technology), 85-13924  
 No. 129 (United States. Congress. House. Committee on Science and Technology), 85-13925  
 No. 132 (United States. Congress. House. Committee on Science and Technology), 85-13926  
 NOAA technical memorandum NOS ; 30, 85-12098  
 NRL memorandum report ; 5084, 85-12361

NRL memorandum report ; 5336, 85-12362  
 NSF 83-79, 85-13472  
 NSF 83-309, 85-13475  
 NSF 84-7, 85-13471  
 NSF 84-10, 85-13473  
 NTIA report ; 84-153, 85-12115  
 NTIA report ; 84-154, 85-12116  
 NTIA report ; 84-163, 85-12117  
 NTSB/AAR-84/14, 85-13588  
 NTSB/AAR-84/15, 85-13589  
 NTSB/PAR-84/05, 85-13591  
 NTSB/RHR-84/02, 85-13590  
 NUREG/BR-0046, 85-13717  
 NUREG/CP-0051, 85-13747  
 NUREG/CR-2576, 85-13718  
 NUREG/CR-2767, 85-13719  
 NUREG/CR-2904, 85-13720  
 NUREG/CR-3079, 85-13721  
 NUREG/CR-3190, 85-13722  
 NUREG/CR-3215, 85-13723  
 NUREG/CR-3347, 85-13724  
 NUREG/CR-3371, 85-13725  
 NUREG/CR-3429, 85-13726  
 NUREG/CR-3438, 85-13727  
 NUREG/CR-3481, Vol. 1, 85-13728  
 NUREG/CR-3511/2 of 2, 85-13729  
 NUREG/CR-3610, 85-13730  
 NUREG/CR-3643, 85-13731  
 NUREG/CR-3691, 85-13732  
 NUREG/CR-3719, 85-13733  
 NUREG/CR-3851, 85-13734  
 NUREG/CR-3855, 85-13735  
 NUREG/CR-3864, 85-13736  
 NUREG/CR-3909, 85-13737  
 NUREG/CR-3920, 85-13738  
 NUREG/CR-3927, 85-13739  
 NUREG/CR-3939, 85-13740  
 NUREG/CR-3973, 85-13741  
 NUREG/CR-3975, 85-13742  
 NUREG/CR-3985, 85-13743  
 NUREG/CR-4001, 85-13744  
 NUREG/CR-4014, 85-13745  
 NUREG/CR-4028, 85-13746  
 NUREG-0383, 85-13703  
 NUREG-0390, 85-13748  
 NUREG-0683, supplement no. 1, final report, 85-13704  
 NUREG-0787, supplement no. 8, 85-13705  
 NUREG-0797, supplement no. 6, 85-13706  
 NUREG-0798, supplement no. 4, 85-13707  
 NUREG-0830, supplement no. 4, 85-13708  
 NUREG-0927, 85-13709  
 NUREG-0944, supplement no. 1, 85-13710  
 NUREG-0954, supplement no. 4, 85-13711  
 NUREG-0973, 85-13712  
 NUREG-1058, 85-13713  
 NUREG-1064, 85-13714  
 NUREG-1094, 85-13715  
 NUREG-1097, 85-13716  
 N84-11543, 85-13365  
 N84-11547, 85-13373

N84-20175, 85-13423

## O

Occasional paper (Michigan State University. Institute for Research on Teaching) ; no. 71., 85-12473  
 OMB no. 3145-0058, 85-13472, 85-13473  
 OMB 0980-0016, 85-12719  
 Oncology overview, 85-12666, 85-12667, 85-12668, 85-12669  
 Open-file report (Geological Survey (U.S.)) ; 81-27-B., 85-12795  
 Open-file report (Geological Survey (U.S.)) ; 81-27-C., 85-12796  
 Open-file report (Geological Survey (U.S.)) ; 81-27-D., 85-12797  
 Open-file report (Geological Survey (U.S.)) ; 81-27-E., 85-12798  
 Open-file report (Geological Survey (U.S.)) ; 81-27-F., 85-12799  
 Open-file report (Geological Survey (U.S.)) ; 81-27-G., 85-12800  
 Open-file report (Geological Survey (U.S.)) ; 81-27-H., 85-12801  
 Open-file report (Geological Survey (U.S.)) ; 81-27-I., 85-12802  
 Open-file report (Geological Survey (U.S.)) ; 81-27-J., 85-12803  
 Open-file report (Geological Survey (U.S.)) ; 81-27-K., 85-12804  
 Open-file report (Geological Survey (U.S.)) ; 83-104., 85-12805  
 Open-file report (Geological Survey (U.S.)) ; 83-169., 85-12806  
 Open-file report (Geological Survey (U.S.)) ; 83-176., 85-12807  
 Open-file report (Geological Survey (U.S.)) ; 83-236., 85-12808  
 Open-file report (Geological Survey (U.S.)) ; 83-279., 85-12809  
 Open-file report (Geological Survey (U.S.)) ; 83-282., 85-12810  
 Open-file report (Geological Survey (U.S.)) ; 83-285., 85-12811  
 Open-file report (Geological Survey (U.S.)) ; 83-288., 85-12812  
 Open-file report (Geological Survey (U.S.)) ; 83-289., 85-12813  
 Open-file report (Geological Survey (U.S.)) ; 83-373., 85-12814  
 Open-file report (Geological Survey (U.S.)) ; 83-395., 85-12815  
 Open-file report (Geological Survey (U.S.)) ; 83-421., 85-12816  
 Open-file report (Geological Survey (U.S.)) ; 83-633., 85-12817  
 Open-file report (Geological Survey (U.S.)) ; 83-676., 85-12818  
 Open-file report (Geological Survey (U.S.)) ; 83-743., 85-12819  
 Open-file report (Geological Survey (U.S.)) ; 83-822., 85-12820

Open-file report (Geological Survey (U.S.))  
; 83-921., 85-12822  
Open-file report (Geological Survey (U.S.))  
; 83-922., 85-12823  
Open-file report (Geological Survey (U.S.))  
; 84-10., 85-12824  
Open-file report (Geological Survey (U.S.))  
; 84-93., 85-12828  
Open-file report (Geological Survey (U.S.))  
; 84-152., 85-12830  
Open-file report (Geological Survey (U.S.))  
; 84-632., 85-12840  
Open-file report (Geological Survey (U.S.))  
; 84-660., 85-12841  
Open-file report (Geological Survey (U.S.))  
; 84-666., 85-12842  
OPM document ; no. 1, 85-13490  
ORNL/TM-9191, 85-13734  
ORNL/TM-9308/V1, 85-13728  
ORNL/TM-9309, 85-13739  
OSC publication ; 7, 85-13560  
OSM-EIS-16, 85-12732  
OSPAM ; 350-8, 85-12334  
OTA-H-260, 85-13750  
OTA-HCS-28, 85-13751  
OTA-HCS-29, 85-13752  
OTA-HCS-30, 85-13753  
OTA-HCS-31, 85-13754  
OTA-ITE-249, 85-13756  
OTA-P-58, 85-13757  
Overseas business reports ; OBR-84-11,  
85-12121

P

Pamphlet (United States. Office of Personnel  
Management) ; CIG-82-71., 85-13487  
Paper and report series (Research on Evaluation  
Program (Northwest Regional  
Educational Laboratory)) ; no. 81., 85-  
12446  
PC 5001, 85-13483  
PC 5020, 85-13481  
PC 5028, 85-13484  
PC 5037, 85-13482  
Personnel management series (United  
States. Office of Personnel Management)  
; PMS-720-B., 85-13488  
Pest alert, 85-11951, 85-11952  
PNL-4655, 85-13723  
PNL-4943, 85-13730  
PNL-4965-4, 85-13743  
PNL-5094, 85-13726  
Position document ; no. 4, 85-12523  
Power O. and M. bulletin ; no. 24., 85-  
12904  
PR-205-C, 85-12095  
Preservation briefs ; 12, 85-12951  
Product safety fact sheet ; no. 92., 85-  
13696  
Program aid (United States. Dept. of Agri-  
culture) ; no. 1352., 85-11857  
Program aid (United States. Dept. of Agri-  
culture) ; no. 1354., 85-11858

Program aid (United States. Dept. of Agri-  
culture) ; no. 1358., 85-11859  
Program announcement (National Science  
Foundation (U.S.). Division of Interna-  
tional Programs), 85-13472, 85-13473  
Pub. (United States. Defense Mapping  
Agency. Hydrographic Center) ; 150.,  
85-12149  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; no. 150., 85-12149  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (101-C) F., 85-12150  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (104-C) E., 85-12151  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (104-C) G., 85-12152  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (106-C) A., 85-12153  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (107-C) H., 85-12154  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (108-C) C., 85-12155  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (109-C) G., 85-12156  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (110-C) G., 85-12157  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (111-C) G., 85-12158  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (117-C) D., 85-12159  
Pub. (United States. Defense Mapping  
Agency. Hydrographic/Topographic  
Center) ; 224 (2001-C), 85-12160  
Pub. (United States. Naval Oceanographic  
Office) ; 150., 85-12149  
PUB. 66-31, 85-13479  
PUB. 66-34, 85-13480  
Public Health Service publication, 85-  
12660, 85-12661  
Public Law 98-406, 85-12573  
Public Law 98-445, 85-12574  
Public Law 98-458, 85-12575  
Public Law 98-464, 85-12576  
Public Law 98-468, 85-12577  
Public Law 98-469, 85-12578  
Public Law 98-470, 85-12579  
Public Law 98-498, 85-12580  
Public Law 98-500, 85-12581  
Public Law 98-501, 85-12582  
Public Law 98-502, 85-12583  
Public Law 98-503, 85-12584  
Public Law 98-504, 85-12585  
Public Law 98-506, 85-12586  
Public Law 98-507, 85-12587

Public Law 98-508, 85-12588  
Public Law 98-509, 85-12589  
Public Law 98-511, 85-12590  
Public Law 98-512, 85-12591  
Public Law 98-513, 85-12592  
Public Law 98-514, 85-12593  
Public Law 98-515, 85-12594  
Public Law 98-523, 85-12595  
Public Law 98-524, 85-12596  
Public Law 98-528, 85-12597  
Public Law 98-531, 85-12598  
Public Law 98-532, 85-12599  
Public Law 98-536, 85-12600  
Public Law 98-541, 85-12601  
Public Law 98-543, 85-12602  
Public Law 98-547, 85-12603  
Public Law 98-549, 85-12604  
Public Law 98-551, 85-12605  
Public Law 98-553, 85-12606  
Public Law 98-557, 85-12607  
Public Law 98-558, 85-12608  
Public Law 98-570, 85-12609  
Public Law 98-571, 85-12610  
Public Law 98-575, 85-12611  
Public Law 98-576, 85-12612  
Public Law 98-577, 85-12613  
Public Law 98-578, 85-12614  
Public Law 98-579, 85-12615  
Public Law 98-583, 85-12616  
Public Law 98-587, 85-12617  
Public Law 98-588, 85-12618  
Public Law 98-589, 85-12619  
Public Law 98-591, 85-12620  
Public Law 98-592, 85-12621  
Public Law 98-595, 85-12622  
Public Law 98-596, 85-12623  
Public Law 98-600, 85-12624  
Public Law 98-601, 85-12625  
Public Law 98-602, 85-12626  
Public Law 98-603, 85-12627  
Public Law 98-606, 85-12628  
Public Law 98-607, 85-12629  
Public Law 98-608, 85-12630  
Public Law 98-609, 85-12631  
Public Law 98-613, 85-12632  
Public Law 98-614, 85-12633  
Public Law 98-615, 85-12634  
Public Law 98-617, 85-12635  
Public Law 98-619, 85-12636  
Publication number H 29-650 R 19, 85-  
12372  
Publication (United States. Internal Reve-  
nue Service) ; 78., 85-13559  
Publication (United States. Internal Reve-  
nue Service) ; 378., 85-13566  
Publication (United States. Internal Reve-  
nue Service) ; 463., 85-13567  
Publication (United States. Internal Reve-  
nue Service) ; 519., 85-13568  
Publication (United States. Internal Reve-  
nue Service) ; 538., 85-13569

# Series/Report Index

Publication (United States Internal Revenue Service); 542., 85-13570, 85-13571  
 Publication (United States Internal Revenue Service); 571., 85-13572  
 Publication (United States Internal Revenue Service); 572., 85-13573  
 Publication (United States Internal Revenue Service); 588., 85-13574  
 Publication (United States Internal Revenue Service); 590., 85-13575  
 Publication (United States Internal Revenue Service); 676., 85-13557  
 Publication (United States Internal Revenue Service); 901., 85-13576  
 Publication (United States Internal Revenue Service); 906., 85-13577  
 Publication (United States Internal Revenue Service); 908., 85-13578  
 Publication (United States Internal Revenue Service); 1066., 85-13579  
 Publication (United States Internal Revenue Service); 1194., 85-13580  
 Publication (United States Internal Revenue Service); 1264., 85-13581  
 Publication (United States Postal Service); 12., 85-13478  
 Publication (United States Postal Service); 264., 85-13476  
 PWA-5777-30, 85-13237  
 PWA-5833-37, 85-13395  
 P05, 85-12138

## Q

QUAD-1-84-109, 85-13740

## R

R 6-WW-032-1984, 85-11881  
 R 84 AEB 012, 85-13396  
 R 84 AEB 422, 85-13398  
 R-1603, 85-13194  
 RAI-84-E-3, 85-13172  
 RC 82-A-36, 85-12048  
 RC 82-C-6, 85-12051  
 RC 82-C-45, 85-12052  
 RC 82-I-8 (P), 85-12049  
 RC 82-I-33 (P), 85-12050  
 RD-583-2, 85-13627  
 Reference circular; no. 84-5, 85-13023  
 Report (Naval Submarine Medical Research Laboratory); no. 993., 85-12341  
 Report (Naval Submarine Medical Research Laboratory); no. 1012., 85-12342  
 Report (Naval Submarine Medical Research Laboratory); no. 1016., 85-12343  
 Report no. DOE/JPL 955392-2, 85-13335  
 Report no. GDC-ASP-83-001, 85-13297  
 Report no. GDC-ASP-83-002, 85-13297, 85-13352  
 Report no. SA-SSP-RP 007, 85-13301  
 Report no. UMTA-MA-06-0067-77-02, 85-13626  
 Report no. UVA/528213/AMCS 84/104, 85-13444

Report no. UVA/528219/EE 84/103, 85-13265  
 Report no. UVA/528228/MAE 84/101, 85-13433  
 Report of investigations (United States Bureau of Mines); 8917., 85-12907  
 Report UAG; 89, 85-12102  
 Report (United States Bureau of Labor Statistics), 85-13012  
 Report (United States Forest Pest Management Methods Application Group); 83-4., 85-11879  
 Reprint (Peace Corps (U.S.) Information Collection and Exchange); R-29., 85-13485  
 Research and development technical report (Goddard Space Flight Center), 85-13416  
 Research note INT; 344, 85-11913  
 Research note INT; 347, 85-11914  
 Research note INT; 348, 85-11915  
 Research note NC; 309, 85-11916  
 Research note NC; 315, 85-11917  
 Research note NC; 317, 85-11918  
 Research note NC; 321, 85-11919  
 Research note NE; 323, 85-11920  
 Research note PNW; 415, 85-11921  
 Research note PNW; 416, 85-11922  
 Research note RM; 436, 85-11923  
 Research note RM; 442, 85-11924  
 Research note SO; 301, 85-11926  
 Research note SO; 302, 85-11927  
 Research note SO; 303, 85-11928  
 Research paper FPL; 448, 85-11892  
 Research paper FPL; 449, 85-11893  
 Research paper INT; 319, 85-11894  
 Research paper INT; 323, 85-11895  
 Research paper INT; 332, 85-11896  
 Research paper NC; 246, 85-11897  
 Research paper NC; 248, 85-11898  
 Research paper NE; 547, 85-11899  
 Research paper NE; 549, 85-11900  
 Research paper NE; 550, 85-11901  
 Research paper PNW; 320, 85-11902  
 Research paper PNW; 321, 85-11903  
 Research paper RM; 225, 85-11906  
 Research paper RM; 251, 85-11904  
 Research paper RM; 252, 85-11905  
 Research paper RM; 443, 85-11925  
 Research paper SE; 245, 85-11907  
 Research paper SO; 196, 85-11908  
 Research paper SO; 197, 85-11909  
 Research paper SO; 199, 85-11910  
 Research paper SO; 201, 85-11911  
 Research paper SO; 204, 85-11912  
 Research project 80-6, 85-13599  
 Research report (Alverno College. Office of Research & Evaluation); no. 8., 85-12459  
 Research series (Michigan State University. Institute for Research on Teaching); no. 134., 85-12474  
 Resource bulletin FPL; 13, 85-11929

Resource bulletin NC; 79, 85-11930  
 Resource bulletin NE; 80, 85-11931  
 Resource bulletin PNW; 112, 85-11932  
 Resource bulletin SE; 74, 85-11933  
 RF 13551-6, 85-12956  
 RPI 432, 85-12296  
 RPI 502, 85-12297  
 RPI 510, 85-12298  
 RPI 565, 85-12299  
 RPI 598, 85-12300  
 RPI 599, 85-12301  
 RPI 677 D, 85-12302  
 RPI 703, 85-12303  
 RPI 760, 85-12304  
 RPI 761, 85-12305  
 RPI 766, 85-12306  
 RPI 914, 85-12307  
 RPI-940, 85-12308  
 RSL technical report; 340-1, 85-13373

## S

SA 1241 F, 85-12373  
 SAND 82-1292, 85-13719  
 SAND 82-1580, 85-13722  
 SAND 82-7077, 85-13720  
 SAND 83-1692, 85-13727  
 SAND 83-2086/2 of 2, 85-13729  
 SAND 83-2493, 85-13731  
 SAND 83-2624, 85-13733  
 SAND 83-7081, 85-13724  
 SAND 84-0422, 85-13732  
 SAND 84-1246, 85-13738  
 SAND 84-7139, 85-13735  
 SB (United States Dept. of the Army); 10-495., 85-12266  
 SC 82-A-3, 85-12075  
 SC 82-A-4, 85-12076  
 SC 82-A-10, 85-12077  
 SC 82-A-19, 85-12078  
 SC 82-A-22, 85-12079  
 SC 82-A-25, 85-12080  
 SC 82-A-28, 85-12081  
 SC 82-A-35, 85-12082  
 SC 82-A-37, 85-12083  
 SC 82-A-44, 85-12084  
 SCNAC-98-2-4, 85-13911  
 SCNAC-98-2-11, 85-13692  
 The Search for health, 85-12653, 85-12654, 85-12655, 85-12656, 85-12657, 85-12658, 85-12659  
 SECNAVINST; 5820.4F., 85-12251  
 Senate document (United States Congress (98th, 1st session: 1983). Senate); no. 98-5., 85-13660  
 Senate document (United States Congress (98th, 1st session: 1983). Senate); no. 98-12., 85-13661  
 Senate document (United States Congress (98th, 2nd session: 1984). Senate); no. 98-1., 85-13659

Ser. no. 98-61 (United States. Congress. House. Committee on Veterans' Affairs), 85-13937

Serial DD (United States. Congress. House. Committee on Science and Technology), 85-13919

Serial MM (United States. Congress. House. Committee on Science and Technology), 85-13920

Serial no. J-98-100 (United States. Congress. Senate. Committee on the Judiciary), 85-13894

Serial no. J-98-111 (United States. Congress. Senate. Committee on the Judiciary), 85-13897

Serial no. J-98-113 (United States. Congress. Senate. Committee on the Judiciary), 85-13893

Serial no. J-98-119 (United States. Congress. Senate. Committee on the Judiciary), 85-13898

Serial no. J-98-142 (United States. Congress. Senate. Committee on the Judiciary), 85-13896

Serial no. J-98-145 (United States. Congress. Senate. Committee on the Judiciary), 85-13892

Serial no. 83 (United States. Congress. House. Committee on the Judiciary), 85-13885

Serial no. 86 (United States. Congress. House. Committee on the Judiciary), 85-13887

Serial no. 87 (United States. Congress. House. Committee on the Judiciary), 85-13888

Serial no. 89 (United States. Congress. House. Committee on the Judiciary), 85-13889

Serial no. 96 (United States. Congress. House. Committee on the Judiciary), 85-13890

Serial no. 97-76 (United States. Congress. House. Committee on Agriculture), 85-13770

Serial no. 98-1 (United States. Congress. House. Committee on the District of Columbia), 85-13801

Serial no. 98-8 (United States. Congress. House. Committee on the District of Columbia), 85-13802

Serial no. 98-9 (United States. Congress. House. Committee on the District of Columbia), 85-13803

Serial no. 98-46 (United States. Congress. House. Committee on Interior and Insular Affairs), 85-13882

Serial no. 98-51 (United States. Congress. House. Committee on Interior and Insular Affairs), 85-13883

Serial no. 98-54 (United States. Congress. House. Committee on Merchant Marine and Fisheries), 85-13908

Serial no. 98-55 (United States. Congress. House. Committee on Post Office and Civil Service), 85-13912

Serial no. 98-57 (United States. Congress. House. Committee on Merchant Marine and Fisheries), 85-13909

Serial no. 98-57 (United States. Congress. House. Committee on Post Office and Civil Service), 85-13913

Serial no. 98-58 (United States. Congress. House. Committee on Merchant Marine and Fisheries), 85-13910

Serial no. 98-61 (United States. Congress. House. Committee on Post Office and Civil Service), 85-13914

Serial no. 98-62 (United States. Congress. House. Committee on Post Office and Civil Service), 85-13915

Serial no. 98-70 (United States. Congress. House. Committee on Agriculture), 85-13767

Serial no. 98-71 (United States. Congress. House. Committee on Agriculture), 85-13768

Serial no. 98-72 (United States. Congress. House. Committee on Agriculture), 85-13769

Serial no. 98-85 (United States. Congress. House. Committee on the Judiciary), 85-13886

Serial no. 98-86 (United States. Congress. House. Committee on Agriculture), 85-13771

Serial no. 98-88 (United States. Congress. House. Committee on Agriculture), 85-13772

Serial no. 98-91 (United States. Congress. House. Committee on Agriculture), 85-13851

Serial no. 98-110 (United States. Congress. Senate. Committee on Commerce, Science, and Transportation), 85-13795

Serial no. 98-111 (United States. Congress. Senate. Committee on Commerce, Science, and Transportation), 85-13796

Serial no. 98-112 (United States. Congress. Senate. Committee on Commerce, Science, and Transportation), 85-13794

Serial no. 98-113 (United States. Congress. Senate. Committee on Commerce, Science, and Transportation), 85-13800

Serial no. 98-114 (United States. Congress. Senate. Committee on Commerce, Science, and Transportation), 85-13798

Serial no. 98-115 (United States. Congress. Senate. Committee on Commerce, Science, and Transportation), 85-13799

Serial no. 98-116 (United States. Congress. Senate. Committee on Commerce, Science, and Transportation), 85-13797

Serial no. 98-163 (United States. Congress. House. Committee on Energy and Commerce), 85-13824

Serial no. 98-166 (United States. Congress. House. Committee on Energy and Commerce), 85-13825

Serial no. 98-167 (United States. Congress. House. Committee on Energy and Commerce), 85-13826

Serial no. 98-168 (United States. Congress. House. Committee on Energy and Commerce), 85-13827

Serial no. 98-170 (United States. Congress. House. Committee on Energy and Commerce), 85-13828

Serial no. 98-171 (United States. Congress. House. Committee on Energy and Commerce), 85-13829

Serial no. 98-173 (United States. Congress. House. Committee on Energy and Commerce), 85-13830

Serial no. 98-174 (United States. Congress. House. Committee on Energy and Commerce), 85-13831

Serial no. 98-176 (United States. Congress. House. Committee on Energy and Commerce), 85-13832

Serial no. 98-180 (United States. Congress. House. Committee on Energy and Commerce), 85-13833

Serial no. 98-184 (United States. Congress. House. Committee on Energy and Commerce), 85-13834

Serial no. 98-187 (United States. Congress. House. Committee on Energy and Commerce), 85-13835

Serial no. 100 (United States. Congress. House. Committee on the Judiciary), 85-13891

Serial TF 6-2 (United States. Congress. House. Committee on the Budget), 85-13792

Serial 98-76 (United States. Congress. House. Committee on Ways and Means), 85-13939

Serial 98-91 (United States. Congress. House. Committee on Ways and Means), 85-13940

Serial 98-95 (United States. Congress. House. Committee on Ways and Means), 85-13941

Serial 98-96 (United States. Congress. House. Committee on Ways and Means), 85-13942

Serial 98-100 (United States. Congress. House. Committee on Ways and Means), 85-13943

Serial 98-101 (United States. Congress. House. Committee on Ways and Means), 85-13944

SF 2900-Q (6-82), 85-13720

SIPP-4006 A, 85-12018

Smithsonian contributions to botany ; no. 57, 85-13549

Smithsonian contributions to zoology ; no. 398, 85-13546

Smithsonian contributions to zoology ; no. 402, 85-13547

Smithsonian contributions to zoology ; no. 404, 85-13548

SOC-SE-02-01, 85-13248

Software Engineering Laboratory series ; SEL-83-002, 85-13091

Soil survey investigations report ; no. 1, 85-11963  
 SP 84-MSFC-2726, 85-13173  
 SpCr 1 (8-84), 85-11975  
 Special report (United States. Dept. of State. Bureau of Public Affairs) ; no. 119., 85-13536  
 SpSy 5 (7-84), 85-11977  
 SRS/SE-TR 84-022, 85-13175  
 ST 7-193 FY 73, 85-12248  
 ST 21-75-2, 85-12247  
 Statistical brief (United States. Veterans Administration) ; SB 70-85-1., 85-13651  
 Statistical bulletin (United States. Dept. of Agriculture) ; no. 706., 85-11849  
 Statistical bulletin (United States. Dept. of Agriculture) ; no. 711., 85-11850  
 Statistical bulletin (United States. Dept. of Agriculture) ; no. 712., 85-11851  
 Statistical bulletin (United States. Dept. of Agriculture) ; no. 713., 85-11852  
 Statistical studies in field geochemistry, 85-12743  
 Surveys of science resources series, 85-13474

## T

TC publication., 85-12969  
 Technical bulletin (United States. Dept. of Agriculture) ; no. 1691., 85-11853  
 Technical manuscript (Construction Engineering Research Laboratory) ; N-177., 85-12329  
 Technical note (Michoud Assembly Facility (Chrysler Corporation)) ; TN-SM-83-13., 85-13167  
 Technical note (Michoud Assembly Facility (Chrysler Corporation)) ; TN-SM-84-14., 85-13168  
 Technical report NAVTRAEQUIPCEN ; 78-C-0113-3, 85-12339  
 Technical report (Old Dominion University. Dept. of Geophysical Sciences) ; no. GSTR-84-4., 85-13240  
 Technical report (Old Dominion University. School of Sciences and Health Professions. Dept. of Physics.) ; no. PTR-83-5., 85-13213  
 Technical report (Operations Research Incorporated) ; no. 2310., 85-13412  
 Technical report (Operations Research Incorporated) ; no. 2311., 85-13413  
 Technical report (U.S. Army Engineer Waterways Experiment Station) ; HL-84-1., 85-12320  
 Technical report (U.S. Army Research Institute for the Behavioral and Social Sciences) ; 606., 85-12314  
 Technical report (University of Illinois at Urbana-Champaign. Center for the Study of Reading) ; no. 305., 85-12452  
 Technology sharing reprint series, 85-13585  
 TR-84-C-7, 85-13051

TR-0484-8219, 85-13410  
 Treaty doc. ; no. 98-2, 85-13662  
 Treaty doc. ; no. 99-1, 85-13663  
 TRW ER-8162-F, 85-13393  
 TVA/OECD/FPM-82/23, 85-13762  
 TVA/OGM/IO-84-2, 85-13759  
 TVA/ONR/ERD-82/1, 85-13761  
 TVA/OP/ECR-84/27, 85-13763  
 TVA/P&E/P&E INFO-85/19, 85-13758

## U

U.S. Geological Survey bulletin ; 1529-A., 85-12736  
 U.S. Geological Survey bulletin ; 1606, 85-12737  
 U.S. Geological Survey open-file report ; 83-868., 85-12821  
 U.S. Geological Survey open-file report ; 84-18., 85-12825  
 U.S. Geological Survey open-file report ; 84-071., 85-12826  
 U.S. Geological Survey open-file report ; 84-073, 85-12827  
 U.S. Geological Survey open-file report ; 84-113., 85-12829  
 U.S. Geological Survey open-file report ; 84-259., 85-12831  
 U.S. Geological Survey open-file report ; 84-266., 85-12832  
 U.S. Geological Survey open-file report ; 84-275., 85-12833  
 U.S. Geological Survey open-file report ; 84-279., 85-12834  
 U.S. Geological Survey open-file report ; 84-282., 85-12835  
 U.S. Geological Survey open-file report ; 84-334., 85-12836  
 U.S. Geological Survey open-file report ; 84-339, 85-12837  
 U.S. Geological Survey open-file report ; 84-359., 85-12838  
 U.S. Geological Survey open-file report ; 84-629-L., 85-12839  
 U.S. Geological Survey professional paper ; 574-I, 85-12743  
 U.S. Geological Survey professional paper ; 1244, 85-12744  
 U.S. Geological Survey professional paper ; 1290, 85-12745  
 U.S. Geological Survey professional paper ; 1303, 85-12746  
 U.S. Geological Survey professional paper ; 1400-B, 85-12747  
 U.S. Geological Survey water-data report ; AK-83-1, 85-12794  
 U.S. Geological Survey water-resources investigations report ; 83-4114-A., 85-12750  
 U.S. Geological Survey water-resources investigations report ; 83-4114-B., 85-12751  
 U.S. Geological Survey water-resources investigations report ; 83-4114-C., 85-12752

U.S. Geological Survey water-resources investigations report ; 83-4114-D., 85-12753  
 U.S. Geological Survey water-resources investigations report ; 83-4114-E., 85-12754  
 U.S. Geological Survey water-resources investigations report ; 83-4114-F., 85-12755  
 U.S. Geological Survey water-resources investigations report ; 83-4114-G., 85-12756  
 U.S. Geological Survey water-resources investigations report ; 83-4115-A., 85-12757  
 U.S. Geological Survey water-resources investigations report ; 83-4115-B., 85-12758  
 U.S. Geological Survey water-resources investigations report ; 83-4116-C., 85-12761  
 U.S. Geological Survey water-resources investigations report ; 83-4116-E., 85-12762  
 U.S. Geological Survey water-resources investigations report ; 83-4116-F., 85-12763  
 U.S. Geological Survey water-resources investigations report ; 83-4116-G., 85-12764  
 U.S. Geological Survey water-resources investigations report ; 83-4117-A., 85-12765  
 U.S. Geological Survey water-resources investigations report ; 83-4117-B., 85-12766  
 U.S. Geological Survey water-resources investigations report ; 83-4117-C., 85-12767  
 U.S. Geological Survey water-resources investigations report ; 83-4117-D., 85-12768  
 U.S. Geological Survey water-resources investigations report ; 83-4118-A., 85-12769  
 U.S. Geological Survey water-resources investigations report ; 83-4118-B., 85-12770  
 U.S. Geological Survey water-resources investigations report ; 83-4118-C., 85-12771  
 U.S. Geological Survey water-resources investigations report ; 83-4118-D., 85-12772  
 U.S. Geological Survey water-resources investigations report ; 83-4118-E., 85-12773  
 U.S. Geological Survey water-resources investigations report ; 83-4118-G., 85-12774  
 U.S. Geological Survey water-resources investigations report ; 83-4119-B., 85-12775  
 U.S. Geological Survey water-resources investigations report ; 83-4119-F., 85-12776

- U.S. Geological Survey water-resources investigations report ; 83-4120-A., 85-12777
- U.S. Geological Survey water-resources investigations report ; 83-4120-B., 85-12778
- U.S. Geological Survey water-resources investigations report ; 83-4120-C., 85-12779
- U.S. Geological Survey water-resources investigations report ; 83-4120-D., 85-12780
- U.S. Geological Survey water-resources investigations report ; 83-4121-A., 85-12781
- U.S. Geological Survey water-resources investigations report ; 83-4121-B., 85-12782
- U.S. Geological Survey water-resources investigations report ; 83-4121-C., 85-12783
- U.S. Geological Survey water-resources investigations report ; 83-4122-A., 85-12784
- U.S. Geological Survey water-resources investigations report ; 83-4122-B., 85-12785
- U.S. Geological Survey water-resources investigations report ; 83-4122-C., 85-12786
- U.S. Geological Survey water-resources investigations report ; 83-4122-E., 85-12787
- U.S. Geological Survey water-resources investigations report ; (84-4086), 85-12789
- U.S. Geological Survey water-resources investigations report ; 84-4114, 85-12790
- U.S. Geological Survey water-resources investigations report ; 84-4159, 85-12791
- U.S. Geological Survey water-resources investigations report ; 84-4256, 85-12793
- U.S. Geological Survey water-supply paper ; 2197, 85-12738
- U.S. Geological Survey water-supply paper ; 2222, 85-12739
- U.S. Geological Survey water-supply paper ; 2228, 85-12741
- U.S. Geological Survey water-supply paper ; 2245, 85-12742
- UILU-ENG-84-2547, 85-13089
- UMTA-IT-06-0273-84-1, 85-13625
- United States. Bureau of Radiological Health. Radiation recommendation series., 85-12686
- United States. Congress (98th, 1st session : 1983). Senate. Report ; no. 98-8., 85-13664
- United States. Congress (98th, 1st session : 1983). Senate. S. hrg. ; 98-1185., 85-13880
- United States. Congress (98th, 1st session : 1983). Senate. S. hrg. ; 98-1195., 85-13797
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1133., 85-13788
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. 98-1145., 85-13836, 85-13843, 85-13845
- United States. Congress (98th, 2nd session : 1984). House. Report ; no. 98-1187., 85-13687
- United States. Congress (98th, 2nd session : 1984). Senate. S. prt. ; 98-273., 85-13809
- United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-401., 85-13665
- United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-453., 85-13666
- United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-455., 85-13667
- United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-462., 85-13668
- United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-480., 85-13669
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-497, pt. 3., 85-13899
- United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-508., 85-13670
- United States. Congress (98th, 2nd session : 1984). Senate. Report ; 98-524., 85-13671
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-724, pt. 8., 85-13787
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-911, pts. 3-4., 85-13774
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-965., 85-13775
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-994, pts. 2-3., 85-13776
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1012., 85-13791
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1030, pt. 2., 85-13777
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1121., 85-13779
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1125., 85-13878
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1135., 85-13892
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1137, pts. 1, 2., 85-13900
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1138., 85-13901
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1142., 85-13789
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1149., 85-13837
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1150., 85-13838
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1152., 85-13902
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1154., 85-13839
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1155., 85-13903
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1156., 85-13840
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1159., 85-13893
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1160., 85-13683, 85-13860
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1161., 85-13684, 85-13894
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1162., 85-13685
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1164., 85-13794
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1165., 85-13795
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1166., 85-13933
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1174., 85-13841
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1175., 85-13818
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1176., 85-13879
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1177., 85-13682, 85-13895
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1178., 85-13790
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1179., 85-13819
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1180., 85-13820
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1181., 85-13796
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1182., 85-13821

## Series/Report Index

- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1183., 85-13896
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1184., 85-13804, 85-13808
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1186., 85-13686, 85-13822
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1187., 85-13842
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1188., 85-13688
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1189., 85-13861
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1190., 85-13689, 85-13862
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1192., 85-13844
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1193., 85-13806
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1194., 85-13810
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1196., 85-13805
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1197., 85-13691, 85-13798
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1198., 85-13799
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1199., 85-13692, 85-13780
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1200., 85-13800
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1201., 85-13897
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1204., 85-13904
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1206., 85-13781
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1207., 85-13898
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1209., 85-13905
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1210., 85-13906
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1211., 85-13938
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1212., 85-13846
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1213., 85-13863
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1215., 85-13807
- United States. Congress (98th, 2nd session : 1984). Senate. S. hrg. ; 98-1216., 85-13823
- United States. Congress (99th, 1st session : 1985). Senate. Report ; no. 99-1., 85-13672
- United States. Congress (99th, 1st session : 1985). Senate. S. print ; 99-6., 85-13864
- United States. Congress (98th, 2nd session : 1984). House. Report ; 98-1194., 85-13690
- United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 637., 85-13517
- United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 639., 85-13518
- United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 643., 85-13519
- United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 644., 85-13520
- United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 645., 85-13521
- United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 647., 85-13522
- United States. Dept. of State. Bureau of Public Affairs. Current policy ; no. 652., 85-13523
- United States. Dept. of the Army. Field manual ; FM 8-230., 85-12269
- United States. Dept. of the Army. Army regulation ; no. 27-50., 85-12251
- United States. Dept. of the Army. Army regulation ; no. 30-16., 85-12252
- United States. Dept. of the Army. Army regulation ; no. 59-4., 85-12369
- United States. Dept. of the Army. Army regulation ; no. 190-12., 85-12253
- United States. Dept. of the Army. Department of the Army supply catalog ; SC 4940-95-CL-A 63-HR., 85-12267
- United States. Dept. of the Army. Department of the Army supply catalog ; SC 6695-92-CL-006-HR., 85-12268
- United States. Dept. of the Army. Soldier training publication ; STP 1-93 J 1-SM., 85-12270
- United States. Dept. of the Army. Soldier training publication ; STP 55-68 J 12-SM., 85-12271
- United States. Dept. of the Treasury. Office of the Secretary. Department circular, public debt series ; no. 21-84., 85-13553
- United States. Dept. of the Treasury. Office of the Secretary. Department circular, public debt series ; no. 22-84., 85-13554
- United States. Federal Aviation Administration. Advisory circular ; AC no. 61-91 D., 85-13612
- United States. Federal Aviation Administration. Advisory circular ; AC 23.1305-1., 85-13610
- United States. Federal Aviation Administration. Advisory circular ; AC 61-83 B., 85-13611
- United States. Federal Aviation Administration. Order ; 8430.1 D., 85-13609
- United States. Marine Corps. MCO ; P 10110.25 C., 85-12266
- United States. Marine Corps. MCO ; 13480.1B., 85-12369
- United States. Naval Supply Systems Command. NAVSUPINST ; 10110.6A., 85-12266
- United States. Office of the Chief of Naval Operations. Instructions ; 4630.24B., 85-12369
- United States. Superintendent of Documents. Subject bibliography ; SB-025., 85-12539
- United States. Superintendent of Documents. Subject bibliography ; SB-050., 85-12540
- United States. Superintendent of Documents. Subject bibliography ; SB-070., 85-12541
- United States. Superintendent of Documents. Subject bibliography ; SB-091., 85-12542
- United States. Superintendent of Documents. Subject bibliography ; SB-117., 85-12543
- United States. Superintendent of Documents. Subject bibliography ; SB-128., 85-12544
- United States. Superintendent of Documents. Subject bibliography ; SB-131., 85-12545
- United States. Superintendent of Documents. Subject bibliography ; SB-143., 85-12546
- United States. Superintendent of Documents. Subject bibliography ; SB-150., 85-12547
- United States. Superintendent of Documents. Subject bibliography ; SB-223., 85-12548
- United States. Superintendent of Documents. Subject bibliography ; SB-236., 85-12549
- United States. Superintendent of Documents. Subject bibliography ; SB-271., 85-12550
- United States. Superintendent of Documents. Subject bibliography ; SB-276., 85-12551

# June 1985

United States. Superintendent of Documents. Subject bibliography ; SB-292., 85-12552

United States. Veterans Administration. Information Technology Center. Catalog. 30-2., 85-13645

United States. Veterans Administration. VA catalog ; no. 3, section 8., 85-13648

Update (Bethesda, Md.), 85-12670

USAAVNC pamphlet ; no. 2 B/2 C 011 1963 A., 85-12310, 85-12311

USAAVNC pamphlet ; no. 4 D 011 2019 A., 85-12313

USAAVNC pamphlet ; PT 2 C 011 0906 A., 85-12312

USDA Forest Service resource bulletin NC ; 79., 85-11930

USITC publication ; 841, 85-12970, 85-12971, 85-12972, 85-12973, 85-12974, 85-12975, 85-12976, 85-12977, 85-12978, 85-12979, 85-12980

USITC publication ; 1562, 85-12981

USITC publication ; 1584, 85-12983

USITC publication ; 1606, 85-12982

USITC publication ; 1610, 85-12969

## V

V-7106, 85-12381

Vg 2-1-2 (8-84), 85-11976

VPI-E-83-9, 85-13280

VPI-E-84-16, 85-13252

VPI-E-84-20, 85-13088

## W

W-45666, 85-13416

Water-resources investigations ; 82-37, 85-12748

Water resources investigations report ; 82-4114., 85-12749

Water resources investigations report ; 83-4116-A, 85-12759

Water resources investigations report ; 83-4116-B, 85-12760

Water-resources investigations report ; 83-4281, 85-12788

Water-resources investigations report ; 84-4183, 85-12792

Water resources technical publication., 85-12899, 85-12903

WC 82-A-1, 85-12053

WC 82-A-4, 85-12054

WC 82-A-7, 85-12055

WC 82-A-8, 85-12056

WC 82-A-10, 85-12057

WC 82-A-14, 85-12058

WC 82-A-16, 85-12059

WC 82-A-17, 85-12060

WC 82-A-18, 85-12061

WC 82-A-21, 85-12062

WC 82-A-23, 85-12063

WC 82-A-25, 85-12064

WC 82-A-26, 85-12065

WC 82-A-31, 85-12066

WC 82-A-33, 85-12067

WC 82-A-34, 85-12068

WC 82-A-35, 85-12069

WC 82-A-39, 85-12070

WC 82-A-41, 85-12071

WC 82-A-49, 85-12072

WC 82-A-50, 85-12073

WC 82-A-52, 85-12074

WDM 23 HB 2-84, 85-13491

WH publication ; 1244-B, 85-13016

WINCO-1023, 85-13745

WRSC-WCUS-82-1, 85-12318

WRSC-WCUS-82-2, 85-12319

## 0-9

00-1834, 85-12696

00-4164, 85-12703

00-4165, 85-12704

00-4168, 85-12705

2A circular ; 350-84-2, 85-12239

5 105-126, 85-13229

A 30-83, 85-12035

49-HLBD-11/84, 85-12655

L 141, 85-12527

55-CC-12/84, 85-12653

56-CC-12/84-T, 85-12654

57-AID-12/84, 85-12656

58-AID-12/84-T, 85-12657

59-NCDS-12/84, 85-12658

60-NCDS-12/84-T, 85-12659

84-1, 85-13130

98-85 (United States. Congress. House. Committee on Public Works and Transportation), 85-13916

98-88 (United States. Congress. House. Committee on Public Works and Transportation), 85-13917

201-26 Q 10/A,B,C,D,E,G,H-DB, 85-12315

260-72 E 10/BC-W (2), 85-12316

260-72 G 10/BC-W (2), 85-12316

430/9-84-009, 85-12520

0501-LP-222-3150, 85-12348

0501-LP-222-3160, 85-12349

0501-LP-222-4124, 85-12350

0501-LP-222-6635, 85-12351

0501-LP-222-8505, 85-12352

0501-LP-223-0700, 85-12353

0501-LP-223-5420, 85-12354

0501-LP-223-6300, 85-12355

0501-LP-223-8114, 85-12356

505-31-43-03, 85-13046

2570 05 8308, 85-12406

8407, 85-12357

10001 532 001 7807 CORB, 85-12407

10005 530 003 8112 DIGB (unit 3), 85-12378

10005 530 004 8112 DIGB (unit 4), 85-12378

11650 02 8403, 85-12382

11650 03 8404, 85-12383

16732/0001 HQS 83, 85-13623

24250 06 8501, 85-12384

27132 03 7907 (v.3), 85-12385

27350 01 8412, 85-12386

30270 04 8404, 85-12387

30456 06 8303, 85-12388

30554 03 S 21 7807, 85-12407

32172 P 03 7802, 85-12389

32470 04 7709, 85-12390

32853 02 7703, 85-12391

34152 03 8012, 85-12392

34152 06 8102, 85-12393

36251 05 S 37 8112, 85-12378

39250 01 8308, 85-12394

42153 03 7407, 85-12395

42653 03 8202, 85-12396

42653 05 8310, 85-12397

42654 04 8501, 85-12398

56651 03 8209 (vol.3), 85-12399

62251 02 8301, 85-12400

64570 01 8011, 85-12401

64570 02 8011, 85-12401

64570 03 8012, 85-12401

66150 02 8409, 85-12402

70570 02 8312, 85-12403

70570 04 8401, 85-12404

79151 02 8501, 85-12405

1. The first part of the report...

2. The second part of the report...

3. The third part of the report...

4. The fourth part of the report...

5. The fifth part of the report...

6. The sixth part of the report...

7. The seventh part of the report...

8. The eighth part of the report...

9. The ninth part of the report...

10. The tenth part of the report...

11. The eleventh part of the report...

12. The twelfth part of the report...

13. The thirteenth part of the report...

14. The fourteenth part of the report...

15. The fifteenth part of the report...

16. The sixteenth part of the report...

17. The seventeenth part of the report...

18. The eighteenth part of the report...

19. The nineteenth part of the report...

20. The twentieth part of the report...

21. The twenty-first part of the report...

22. The twenty-second part of the report...

23. The twenty-third part of the report...

24. The twenty-fourth part of the report...

25. The twenty-fifth part of the report...

26. The twenty-sixth part of the report...

27. The twenty-seventh part of the report...

28. The twenty-eighth part of the report...

29. The twenty-ninth part of the report...

30. The thirtieth part of the report...

31. The thirty-first part of the report...

32. The thirty-second part of the report...

33. The thirty-third part of the report...

34. The thirty-fourth part of the report...

35. The thirty-fifth part of the report...

36. The thirty-sixth part of the report...

37. The thirty-seventh part of the report...

38. The thirty-eighth part of the report...

39. The thirty-ninth part of the report...

40. The fortieth part of the report...

41. The forty-first part of the report...

42. The forty-second part of the report...

43. The forty-third part of the report...

44. The forty-fourth part of the report...

45. The forty-fifth part of the report...

46. The forty-sixth part of the report...

47. The forty-seventh part of the report...

48. The forty-eighth part of the report...

49. The forty-ninth part of the report...

50. The fiftieth part of the report...

51. The fifty-first part of the report...

52. The fifty-second part of the report...

53. The fifty-third part of the report...

54. The fifty-fourth part of the report...

55. The fifty-fifth part of the report...

56. The fifty-sixth part of the report...

57. The fifty-seventh part of the report...

58. The fifty-eighth part of the report...

59. The fifty-ninth part of the report...

60. The sixtieth part of the report...

61. The sixty-first part of the report...

62. The sixty-second part of the report...

63. The sixty-third part of the report...

64. The sixty-fourth part of the report...

65. The sixty-fifth part of the report...

66. The sixty-sixth part of the report...

67. The sixty-seventh part of the report...

68. The sixty-eighth part of the report...

69. The sixty-ninth part of the report...

70. The seventieth part of the report...

71. The seventy-first part of the report...

72. The seventy-second part of the report...

73. The seventy-third part of the report...

74. The seventy-fourth part of the report...

75. The seventy-fifth part of the report...

76. The seventy-sixth part of the report...

77. The seventy-seventh part of the report...

78. The seventy-eighth part of the report...

79. The seventy-ninth part of the report...

80. The eightieth part of the report...

81. The eighty-first part of the report...

82. The eighty-second part of the report...

83. The eighty-third part of the report...

84. The eighty-fourth part of the report...

85. The eighty-fifth part of the report...

86. The eighty-sixth part of the report...

87. The eighty-seventh part of the report...

88. The eighty-eighth part of the report...

89. The eighty-ninth part of the report...

90. The ninetieth part of the report...

## Contract Number Index

Contract No.: A-1246., 85-13733	Contract No.: NAS3-22336., 85-13158	Project No.: DA project 4A161102AT24,
Contract No.: A-6288., 85-13745	Contract No.: NAS3-22507., 85-13393	task C, technical effort E1, work unit
Contract No.: A1163., 85-13724	Contract No.: NAS3-22813., 85-13395	002., 85-12324
Contract No.: A1241., 85-13729	Contract No.: NAS3-23926., 85-13398	Project No.: DA project 4A762730AT42,
Contract No.: A2026., 85-13746	Contract No.: NAS5-26453., 85-13369	task C, work unit 10., 85-12322
Contract No.: A3172., 85-13736	Contract No.: NAS5-26727., 85-13416	Project No.: DOE Interagency agreement
Contract No.: B-2457., 85-13723	Contract No.: NAS5-27254., 85-13376	40-550-75., 85-13728
Contract No.: B0119., 85-13739	Contract No.: NAS8-33370., 85-13139	Project No.: DOE 40-550-75., 85-13729
Contract No.: B0290., 85-13734	Contract No.: NAS8-33433., 85-13169	Project No.: ESL 716111-1., 85-13254
Contract No.: B0466., 85-13728	Contract No.: NAS8-34767., 85-13140	Project No.: FCP37A1273., 85-13596
Contract No.: B2860., 85-13743	Contract No.: NAS8-34947., 85-13142	Project No.: GER-17234., 85-13407
Contract No.: B6096., 85-13721	Contract No.: NA55-26240., 85-13406	Project No.: Interagency agreement DOE
Contract No.: B7491., 85-13725	Contract No.: NA55-27613., 85-13407	40-550-75., 85-13746
Contract No.: DC-11-0015, 85-13587	Contract No.: NRC Fin no. A-1327., 85-13732	Project No.: Interagency agreement DOE
Contract No.: DE-AC02-76CH00016., 85-13737	Contract No.: NRC Fin no. A1227., 85-13727	40-551-75., 85-13739
Contract No.: DE-AC04-76DP00789., 85-13722	Contract No.: NRC Fin B2370., 85-13726	Project No.: Interagency agreement DOE-
Contract No.: DE-AC07-84ID12435., 85-13745	Contract No.: NRC FIN no. A-1019., 85-13738	40-550-75., 85-13732
Contract No.: DOT-FR-8164., 85-13604	Contract No.: NRC FIN no. A-1051., 85-13731	Project No.: M-442., 85-13139
Contract No.: DOT-HS-8-01933(II), 85-13632	Contract No.: NRC FIN no. A-1246., 85-13719	Project No.: M-460., 85-13140
Contract No.: DTC023-83-C-20080., 85-13622	Contract No.: NRC FIN A1247., 85-13722	Project No.: M-462., 85-13142
Contract No.: DTFH61-81-C-00073., 85-13595	Contract No.: NRC FIN A1375., 85-13735	Project No.: MF58.524.013-1046., 85-12341
Contract No.: DTFH61-82-C-00105., 85-13594	Contract No.: NRC FIN A3752., 85-13744	Project No.: MF585.57.1C1-0001., 85-12343
Contract No.: DTFH71-80-50-PA-02, 85-13599	Contract No.: NRC FIN A6541., 85-13740	Project No.: MTR-83W203., 85-13184
Contract No.: DTNH22-80-A-06002., 85-13629	Contract No.: NRC FIN B2282., 85-13730	Project No.: M0095.001-1045., 85-12342
Contract No.: DTNH22-80-C-07093, 85-13634	Contract No.: NRC FIN B3014., 85-13718	Project No.: PE 62757N., 85-12339
Contract No.: DTNH22-82-A-08401, 85-13630	Contract No.: NRC-04-76-215., 85-13718	Project No.: SF12131691., 85-12361
Contract No.: DTNH22-82-A08401., 85-13633	Contract No.: NRC-04-76-369., 85-13721	Project No.: TACS #04469., 85-13709
Contract No.: DTUM60-82-C71122, Task 6., 85-13625	Contract No.: N61339-78-C-0113., 85-12339	Project No.: URT-41., 85-13624
Contract No.: Fin A-3159., 85-13741	Contract No.: ORNL subcontract no. 40X-70527., 85-13728	Project No.: Work assignment no. 2., 85-12524
Contract No.: FIN A-3027., 85-13737	Contract No.: UM-836/R8744., 85-13626	Project No.: XF12-141-100., 85-12362
Contract No.: NAG 3-41., 85-13404	Contract No.: 47-5594., 85-13735	Project No.: 02., 85-12409
Contract No.: NAG 3-58., 85-13403	Contract No.: 68-02-3878., 85-12524	Project No.: 1710., 85-12409
Contract No.: NAG-1-321., 85-13286	Grant No.: Memorandum of understanding DOE 40-550-75., 85-13727	Project No.: 31ZN018., 85-13595
Contract No.: NAG1-359., 85-13145	Grant No.: NAGW-266., 85-13143	Project No.: 37C2023., 85-13594
Contract No.: NASW-3165., 85-13128	Grant No.: NAG3-260., 85-13141	Project No.: 3876-B., 85-13588
Contract No.: NAS1-17138., 85-13184	Grant No.: NAG3-536., 85-13254	Project No.: 3894-A., 85-13589
Contract No.: NAS1-17209., 85-13144	Grant No.: NCHSR grant HS-02902., 85-13628	Project No.: 4A16110AT23-C-001., 85-12329
Contract No.: NAS2-9830., 85-13136	Grant No.: NSF DPP 77-24528., 85-12323	Project No.: 4014., 85-13590
Contract No.: NAS3-20072 project 3., 85-13400	Grant No.: NSF DPP 80-06922., 85-12323	Project No.: 4036., 85-13591
Contract No.: NAS3-20072., 85-13399	Grant No.: NSGW-31., 85-13224	Project No.: 505-36-12., 85-13403
Contract No.: NAS3-20073., 85-13156	Project No.: project 8713., 85-12339	Project No.: 53-0611-0-0., 85-12361
	Project No.: AM-C-83/84-PSY-92., 85-13618	Project No.: 53-1854-A4., 85-12362
	Project No.: AM-C-83/84-PSY-95., 85-13618	Project No.: 62205F., 85-12409
		Project No.: 62205F, project no. 1121, task no. 09, work unit no. 02., 85-12411
		Project No.: 62205F, project no. 1121, task no. 09, work unit no. 15., 85-12410
		Project No.: 62712N., 85-12361
		Project No.: 742-73-01-14., 85-13033
		Project No.: 99830999., 85-12408



## Stock Number Index

ED 237340 Educational Resources Information Center , 85-12445	ED 241494 Educational Resources Information Center , 85-12473	003-024-90711-9 GPO , 85-12049
ED 237564 Educational Resources Information Center , 85-12446	ED 241495 Educational Resources Information Center , 85-12474	003-024-90734-8 GPO , 85-12050
ED 237714 Educational Resources Information Center , 85-12447	ED 241501 Educational Resources Information Center , 85-12475	003-024-90802-6 GPO , 85-12020
ED 238126 Educational Resources Information Center , 85-12448	ED 241502 Educational Resources Information Center , 85-12476	003-024-90805-1 GPO , 85-12021
ED 238249 Educational Resources Information Center , 85-12449	ED 241671 Educational Resources Information Center , 85-12477	003-024-90809-3 GPO , 85-12022
ED 238252 Educational Resources Information Center , 85-12450	NCJ 93348 National Institute of Justice/ NCJRS , 85-12988	003-024-90851-4 GPO , 85-12053
ED 239098 Educational Resources Information Center , 85-12451	N84-16177 NTIS , 85-13184	003-024-90854-9 GPO , 85-12054
ED 239235 Educational Resources Information Center , 85-12452	PB84-225093 National Technical Information Service , 85-13625	003-024-90857-3 GPO , 85-12055
ED 239292 Educational Resources Information Center , 85-12453	001-000-04383-8 , 85-11854	003-024-90858-1 GPO , 85-12056
ED 239431 Educational Resources Information Center , 85-12454	001-000-04416-8 GPO , 85-11876	003-024-90860-3 GPO , 85-12057
ED 239447 Educational Resources Information Center , 85-12455	001-000-04428-1 , 85-11855	003-024-90864-6 GPO , 85-12058
ED 239469 Educational Resources Information Center , 85-12456	001-000-04433-8 , 85-11875	003-024-90866-2 GPO , 85-12059
ED 239542 Educational Resources Information Center , 85-12457	001-001-00603-3 GPO , 85-12947	003-024-90867-1 GPO , 85-12060
ED 239556 Educational Resources Information Center , 85-12458	001-019-00332-4 GPO , 85-11980	003-024-90871-9 GPO , 85-12062
ED 239564 Educational Resources Information Center , 85-12459	001-019-00336-7 GPO , 85-11849	003-024-90873-5 GPO , 85-12063
ED 239569 Educational Resources Information Center , 85-12460	001-019-00345-6 GPO , 85-11853	003-024-90875-1 GPO , 85-12064
ED 239605 Educational Resources Information Center , 85-12461	001-019-00349-0 GPO , 85-11981	003-024-90876-0 GPO , 85-12065
ED 239606 Educational Resources and Information Center , 85-12462	001-019-00357-0 GPO , 85-11982	003-024-90881-6 GPO , 85-12066
ED 239804 Educational Resources Information Center , 85-12463	001-019-00370-7 , 85-11852	003-024-90883-2 GPO , 85-12067
ED 239815 Educational Resources Information Center , 85-12464	003-000-00937-2 GPO , 85-13135	003-024-90884-1 GPO , 85-12068
ED 240064 Educational Resources Information Center , 85-12465	003-000-90832-1 GPO , 85-12121	003-024-90885-9 GPO , 85-12069
ED 240072 Educational Resources Information Center , 85-12466	003-001-90785-2 , 85-12043	003-024-90889-1 GPO , 85-12070
ED 240073 Educational Resources Information Center , 85-12467	003-001-91552-9 GPO , 85-12044	003-024-90891-3 GPO , 85-12071
ED 240178 Educational Resources Information Center , 85-12468	003-003-02537-2 GPO , 85-12087	003-024-90899-9 GPO , 85-12072
ED 240190 Educational Resources Information Center , 85-12469	003-003-02625-5 , 85-12086	003-024-90900-6 GPO , 85-12073
ED 240199 Educational Resources Information Center , 85-12470	003-004-00606-4 GPO , 85-12093	003-024-90902-2 GPO , 85-12074
ED 240202 Educational Resources Information Center , 85-12471	003-004-00610-2 , 85-12092	003-024-90986-3 GPO , 85-12048
ED 241349 Educational Resources Information Center , 85-12472	003-008-00195-5 , 85-12123	003-024-91013-6 GPO , 85-12075
	003-009-00367-9 , 85-12122	003-024-91014-4 GPO , 85-12076
	003-009-00436-5 GPO , 85-12118	003-024-91020-9 GPO , 85-12077
	003-024-05655-1 , 85-12042	003-024-91029-2 GPO , 85-12078
	003-024-05660-7 , 85-12041	003-024-91032-2 GPO , 85-12079
	003-024-05962-2 , 85-12037	003-024-91035-7 GPO , 85-12080
	003-024-05977-1 , 85-12040	003-024-91038-1 GPO , 85-12081
	003-024-06073-6 GPO , 85-12034	003-024-91045-4 GPO , 85-12082
	003-024-06134-1 , 85-12045	003-024-91047-1 GPO , 85-12083
	003-024-90155-2 GPO , 85-12023	003-024-91054-3 GPO , 85-12084
	003-024-90202-8 GPO , 85-12024	003-024-91097-7 GPO , 85-12046
	003-024-90214-1 GPO , 85-12025	003-024-91638-0 GPO , 85-12061
	003-024-90237-1 GPO , 85-12026	003-024-91816-1 GPO , 85-12051
	003-024-90248-6 GPO , 85-12027	003-024-91855-2 GPO , 85-12052
	003-024-90252-4 GPO , 85-12028	004-000-00431-1 , 85-12124
	003-024-90354-7 GPO , 85-12029	006-000-01304-0 GPO , 85-13488
	003-024-90377-6 GPO , 85-12030	008-001-00146-1 GPO , 85-12132
	003-024-90425-0 GPO , 85-12031	008-007-03262-3 GPO , 85-12229
	003-024-90468-3 GPO , 85-12032	008-020-00933-4 , 85-12335
	003-024-90560-4 GPO , 85-12033	008-020-01002-2 GPO , 85-12222
		008-020-01004-9 GPO , 85-12273
		008-020-01006-5 GPO , 85-12232
		008-022-00220-1 GPO , 85-12326
		008-047-00364-1 GPO , 85-12338
		008-054-00106-8 , 85-12366
		017-015-00225-0 GPO , 85-12686

Do not order from index; see indicated entry

Page 1-533

# Stock Number Index

017-022-00859-9	85-12691	022-003-96344-8 GPO	85-12619	044-000-93607-1 GPO	85-13529
017-023-00169-8	85-12698	022-003-96346-4 GPO	85-12620	044-000-93608-9 GPO	85-13531
017-024-01203-3 GPO	85-12713	022-003-96347-2 GPO	85-12621	046-000-00133-8	85-13542
017-024-01215-7 GPO	85-12712	022-003-96350-2 GPO	85-12622	048-004-01880-2	85-13580
017-042-00177-3	85-12660	022-003-96351-1 GPO	85-12623	048-012-00081-7	85-13583
017-042-00178-1	85-12661	022-003-96355-3 GPO	85-12624	050-001-00278-7	85-13601
017-060-00159-3	85-12718	022-003-96356-1 GPO	85-12625	050-001-00286-8	85-13593
022-003-95425-2	85-12564	022-003-96357-0 GPO	85-12626	050-007-00688-8	85-13617
022-003-95430-9	85-12565	022-003-96358-2 GPO	85-12627	050-012-00207-0	85-13621
022-003-95438-4	85-12566	022-003-96361-8 GPO	85-12628	052-003-00971-4 GPO	85-13751
022-003-95442-2	85-12567	022-003-96362-6 GPO	85-12629	052-003-00972-2 GPO	85-13752
022-003-95448-1	85-12568	022-003-96363-4 GPO	85-12630	052-003-00973-1 GPO	85-13753
022-003-95453-8	85-12569	022-003-96364-2 GPO	85-12631	052-003-00977-3 GPO	85-13750
022-003-95457-1	85-12570	022-003-96368-5 GPO	85-12632	052-003-00981-1 GPO	85-13754
022-003-95459-7	85-12571	022-003-96369-3 GPO	85-12633	052-070-05987-7 GPO	85-13793
022-003-95460-1	85-12572	022-003-96370-7 GPO	85-12634	052-070-05990-7 GPO	85-13935
022-003-96161-5 GPO	85-12573	022-003-96372-3 GPO	85-12635	052-070-05999-1	85-13864
022-003-96200-0 GPO	85-12574	022-003-96374-0 GPO	85-12636	052-071-00677-0 GPO	85-13659
022-003-96213-1 GPO	85-12575	022-003-98716-9	85-12564	061-000-00646-0	85-12416
022-003-96219-1 GPO	85-12576	022-003-98721-5	85-12565	061-000-00647-8	85-12416
022-003-96223-9 GPO	85-12577	022-003-98729-1	85-12566	061-000-00648-6	85-12416
022-003-96224-7 GPO	85-12578	022-003-98733-9	85-12567	061-000-00649-4	85-12416
022-003-96225-5 GPO	85-12579	022-003-98738-0	85-12568	061-000-00650-8	85-12416
022-003-96233-1 GPO	85-12580	022-003-98744-4	85-12569	061-000-00651-6	85-12416
022-003-96255-7 GPO	85-12581	022-003-98748-7	85-12570	061-000-00652-4	85-12416
022-003-96256-5 GPO	85-12582	022-003-98750-9	85-12571	063-000-00023-0	85-13699
022-003-96257-3 GPO	85-12583	022-003-98751-7	85-12572	063-000-00024-8	85-13700
022-003-96258-1 GPO	85-12584	024-001-03527-8 GPO	85-12735	063-000-00025-6	85-13700
022-003-96259-0 GPO	85-12585	024-003-00155-4 GPO	85-12903	065-000-00218-3 GPO	85-12442
022-003-96261-1 GPO	85-12586	024-004-02140-3	85-12909	14ACO14003 DMA	85-12161
022-003-96262-0 GPO	85-12587	024-005-00870-5 GPO	85-12944	21ACO21030 DMA	85-12162
022-003-96263-8 GPO	85-12588	027-000-01202-7 GPO	85-12988	21ACO21540 DMA	85-12163
022-003-96264-6 GPO	85-12589	027-000-01210-8 GPO	85-12985	22ACO22290 DMA	85-12164
022-003-96266-2 GPO	85-12590	027-000-01211-6 GPO	85-13001	23ACO23030 DMA	85-12165
022-003-96267-1 GPO	85-12591	027-000-01215-9 GPO	85-13003	24ACO24008 DMA	85-12166
022-003-96268-9 GPO	85-12592	029-001-02827-0	85-13012	24ACO24012 DMA	85-12167
022-003-96269-7 GPO	85-12593	029-001-90311-1	85-13013	24ACO24036 DMA	85-12168
022-003-96270-1 GPO	85-12594	029-001-90314-6	85-13014	24ACO24160 DMA	85-12169
022-003-96278-6 GPO	85-12595	029-001-90317-1	85-13015	24ACO24340 DMA	85-12170
022-003-96279-4 GPO	85-12596	030-005-00012-1 GPO	85-13022	24ACO24390 DMA	85-12171
022-003-96283-2 GPO	85-12597	030-933-058-0 (3933 S8)	85-12818	35ACO35080 DMA	85-12172
022-003-96286-7 GPO	85-12598	031-000-00242-7	85-13028	37ACO37035 DMA	85-12173
022-003-96287-5 GPO	85-12599	031-000-00250-8	85-13027	37ACO37070 DMA	85-12174
022-003-96291-3 GPO	85-12600	033-000-00900-3 GPO	85-13134	37ACO37110 DMA	85-12175
022-003-96296-4 GPO	85-12601	033-000-00924-1 GPO	85-13132	37ACO37130 DMA	85-12176
022-003-96298-1 GPO	85-12602	040-000-00481-5	85-13496	37ACO37220 DMA	85-12177
022-003-96302-2 GPO	85-12603	040-000-00482-3 GPO	85-13494	38ACO38100 DMA	85-12178
022-003-96304-9 GPO	85-12604	041-001-00279-1 GPO	85-12414	38ACO38120 DMA	85-12179
022-003-96306-5 GPO	85-12605	041-001-00282-1	85-13498	38ACO38680 DMA	85-12181
022-003-96308-1 GPO	85-12606	041-001-00283-9	85-13499	38BCO38480 DMA	85-12180
022-003-96312-0 GPO	85-12607	041-001-00284-7	85-13500	43ACO43015 DMA	85-12182
022-003-96313-8 GPO	85-12608	041-001-00285-5	85-13501	43ACO43220 DMA	85-12183
022-003-96325-1 GPO	85-12609	041-001-00288-0	85-13502	44ACO44030 DMA	85-12184
022-003-96326-0 GPO	85-12610	044-000-02025-4	85-13515	44ACO44140 DMA	85-12185
022-003-96330-8 GPO	85-12611	044-000-02036-0 GPO	85-13532	51ACO51460 DMA	85-12186
022-003-96331-6 GPO	85-12612	044-000-02037-8 GPO	85-13533	52ACO52080 DMA	85-12187
022-003-96332-4 GPO	85-12613	044-000-02040-8 GPO	85-13534	53ACO53140 DMA	85-12188
022-003-96333-2 GPO	85-12614	044-000-93591-1 GPO	85-13530	53ACO53180 DMA	85-12189
022-003-96334-1 GPO	85-12615	044-000-93603-8 GPO	85-13525	53ACO53280 DMA	85-12190
022-003-96338-3 GPO	85-12616	044-000-93604-6 GPO	85-13526	54ACO54080 DMA	85-12191
022-003-96342-1 GPO	85-12617	044-000-93605-4 c GPO	85-13527	54ACO54220 DMA	85-12192
022-003-96343-0 GPO	85-12618	044-000-93606-2 GPO	85-13528		

# June 1985

56AC056190 DMA , 85-12193  
 61AC061200 DMA , 85-12194  
 61AC061240 DMA , 85-12195  
 61AC061270 DMA , 85-12196  
 62AC062400 DMA , 85-12197  
 62AC062445 DMA , 85-12198  
 63AC063090 DMA , 85-12199  
 63BC063270 DMA , 85-12200  
 701-037-00000-6 , 85-11974  
 701-042-00000-0 , 85-11979  
 703-031-00000-5 , 85-12099  
 703-067-00000-0 , 85-12039  
 703-068-00000-6 , 85-12038  
 703-085-00000-8 , 85-12036  
 71AC071012 DMA , 85-12201  
 71AC071021 DMA , 85-12202  
 71AC071230 DMA , 85-12203  
 74AC074560 DMA , 85-12205

74BC074380 DMA , 85-12204  
 752-026-00000-9 , 85-13748  
 76AC076040 DMA , 85-12206  
 76AC076050 DMA , 85-12207  
 76AC076060 DMA , 85-12208  
 82AC082015 DMA , 85-12209  
 822-004-00003-2 , 85-12558  
 822-004-00007-5 , 85-12559  
 822-004-00026-1 , 85-12560  
 822-004-00037-0 , 85-12561  
 822-004-00039-3 , 85-12562  
 822-004-00043-1 , 85-12563  
 822-005-00003-9 , 85-12558  
 822-005-00007-1 , 85-12559  
 822-005-00026-8 , 85-12560  
 822-005-00037-3 , 85-12561  
 822-005-00039-0 , 85-12562  
 822-005-00043-8 , 85-12563

923-000-00703-7 GPO , 85-12723  
 93AC093044 DMA , 85-12210  
 93AC093045 DMA , 85-12211  
 93AC093047 DMA , 85-12212  
 941-001-00000-9 , 85-13503  
 948-005-00000-0 , 85-13559  
 949-002-00000-4 , 85-12969  
 95AC095015 DMA , 85-12213  
 95AC095140 DMA , 85-12214  
 95AC095270 DMA , 85-12215  
 95AC095280 DMA , 85-12216  
 950-045-00000-1 , 85-13613  
 950-046-00000-7 , 85-13614  
 97AC097080 DMA , 85-12217  
 97AC097140 DMA , 85-12218  
 97AC097420 DMA , 85-12219

THE  
FEDERAL  
BUREAU OF  
INVESTIGATION  
UNITED STATES DEPARTMENT OF JUSTICE  
WASHINGTON, D. C. 20535

MEMORANDUM FOR THE DIRECTOR

SUBJECT: [Illegible]

1. [Illegible]

2. [Illegible]

3. [Illegible]

4. [Illegible]

5. [Illegible]

6. [Illegible]

7. [Illegible]

8. [Illegible]

9. [Illegible]

10. [Illegible]

11. [Illegible]

12. [Illegible]

13. [Illegible]

14. [Illegible]

15. [Illegible]

16. [Illegible]

17. [Illegible]

18. [Illegible]

19. [Illegible]

20. [Illegible]

21. [Illegible]

22. [Illegible]

23. [Illegible]

24. [Illegible]

25. [Illegible]

26. [Illegible]

27. [Illegible]

28. [Illegible]

29. [Illegible]

30. [Illegible]

31. [Illegible]

32. [Illegible]

33. [Illegible]

34. [Illegible]

35. [Illegible]

36. [Illegible]

37. [Illegible]

38. [Illegible]

39. [Illegible]

40. [Illegible]

41. [Illegible]

42. [Illegible]

43. [Illegible]

44. [Illegible]

45. [Illegible]

46. [Illegible]

47. [Illegible]

48. [Illegible]

49. [Illegible]

50. [Illegible]

51. [Illegible]

52. [Illegible]

53. [Illegible]

54. [Illegible]

55. [Illegible]

56. [Illegible]

57. [Illegible]

58. [Illegible]

59. [Illegible]

60. [Illegible]

61. [Illegible]

62. [Illegible]

63. [Illegible]

64. [Illegible]

65. [Illegible]

66. [Illegible]

67. [Illegible]

68. [Illegible]

69. [Illegible]

70. [Illegible]

71. [Illegible]

72. [Illegible]

73. [Illegible]

74. [Illegible]

75. [Illegible]

76. [Illegible]

77. [Illegible]

78. [Illegible]

79. [Illegible]

80. [Illegible]

81. [Illegible]

82. [Illegible]

83. [Illegible]

84. [Illegible]

85. [Illegible]

86. [Illegible]

87. [Illegible]

88. [Illegible]

89. [Illegible]

90. [Illegible]

91. [Illegible]

92. [Illegible]

93. [Illegible]

94. [Illegible]

95. [Illegible]

96. [Illegible]

97. [Illegible]

98. [Illegible]

99. [Illegible]

100. [Illegible]

# TITLE KEYWORD INDEX

## A

- A. Leon Higginbotham, Junior, as a Citizen Regent 85-12600  
A (Norway) /, Omega propagation correction tables 85-12153  
A.R.I. research publications, Abstracts of 85-12314  
A-100-0010 /, Module 4.0, variational analyses of 85-12336  
"/, Module 5.0, DC parallel circuits for 85-12337  
abdominal pain /, Computer-assisted diagnosis prog 85-12342  
abilities learned in college for later careering a 85-12458  
ability of Navy hospital corpsmen to collect chest 85-12343  
aboard a space station, Feasibility study to condu 85-13454  
Abrasive tip treatment for use on compressor blade 85-13395  
absolute radiometric calibration of the thematic m 85-13382  
abstract newsletters., NTIS 85-12095  
abstracts :fifteenth lunar and planetary science c 85-13440  
" of A.R.I. research publications 85-12314  
" of ARI research publications. 85-12314  
" on diagnosis and treatment of testicular 85-12669  
" on effects of therapy for primary neopla 85-12666  
" on intercellular communication related t 85-12667  
" on neutrons and charged particles in rad 85-12668  
abundance of boron and beryllium in bedrock sample 85-12796  
" of cobalt in bedrock samples, western Ch 85-12798  
" of copper in bedrock samples, western Ch 85-12797  
" of gold and silver in bedrock samples, w 85-12795  
" of lead in bedrock samples, western Chic 85-12801  
" of molybdenum, tin, and vanadium in bedr 85-12799  
" of nickel and chromium in bedrock sample 85-12800  
" of scandium and yttrium in bedrock sampl 85-12802  
" of strontium and lanthanum in bedrock sa 85-12803  
" of zinc in bedrock samples, western Chic 85-12804  
abuse among youth /, Prevention of drug 85-13879  
" and alcoholism, Report to the United States 85-12714  
" in American families /, Violence and 85-13793  
" of children in child care facilities /, Fede 85-13897  
" prevention., Alcohol and drug 85-12425  
" victims in the courts /, Child sexual 85-13898  
Academic catalog 85-12143  
" science/engineering. R & D funds. 85-13474  
academy training success /, Studies of poststrike 85-13618  
accelerated service testing., Correlation of concr 85-13604  
accelerations, An investigation into the probabili 85-13038  
acceptance procedures, PDSS/IMC qualification test 85-13166  
access professionals., The Freedom of Information 85-13008  
" professionals. Book II., The Freedom of Inf 85-13009  
accessible network for the elderly and handicapped 85-13595  
accident at Three Mile Island /, Lessons learned i 85-13922  
" report :Boston Gas Company natural gas ov 85-13591  
" report :collision of Amtrak passenger tra 85-13590  
" report :Scandinavian Airlines System flig 85-13589  
" report :Western Helicopters, Inc., Bell U 85-13588  
" Three Mile Island Nuclear Station, Unit 2 85-13704  
accidents investigated by the Federal Railroad Adm 85-13605  
" of motor carriers of property / 85-13603  
accommodation., Handbook of job analysis for reason 85-13488  
accompany H.R. 3169), Renewable Energy Developmen 85-13670  
" H.R. 5154), National Aeronautics and Sp 85-13667  
" H. Res. 615), Providing for agreeing to 85-13683  
" H. Res. 616), Waiving certain points of 85-13684  
" S.J. Res. 25), Redesignating Saint Croi 85-13664  
" S. 384), State Justice Institute Act of 85-13669  
" S. 2125), Arkansas Wilderness Act of 19 85-13668  
" S. 2311), Health maintenance organizati 85-13665  
" S. 2483), Washington Dulles Internation 85-13666  
" S. 2527., Federal-Aid Highway Act of 198 85-13671  
accomplishments report, Research 85-11946  
" , Research 85-11946  
Accordance with Section 261 of the Atomic Energy A 85-12606  
" with US Army guidelines., Handbook for 85-12250  
account for juvenile justice practice :report to t 85-12534  
Accounting periods and methods. 85-13569  
Accounts 85-12558  
" , CFR. 4, 85-12558  
" , Code of federal regulations. 4, 85-12558  
accredited to the Department of the Air Force., Ha 85-12374  
accretion of the icy satellites of Jupiter and Sat 85-13351  
" shapes, Measurement of local connective 85-13397  
accuracy, Effects of spacecraft reflections on RF 85-13413  
" , LANDSAT-D thematic mapper image dimensio 85-13374  
accurately account for juvenile justice practice : 85-12534  
achieved by aerial sprays directed against the gyp 85-11879  
achievement :the Department of Justice, 1981-1985 85-12986  
" , School desegregation and black 85-12477  
acid /, Teratology and postnatal studies in rats o 85-12486  
" and resin LWR wastes :topical report /, Solid 85-13737  
" corrosion and mechanical wear of iron, Intera 85-13075  
" fuel cells for electric utility power generat 85-13160  
acid-condensation system :design and operation /, 85-12498  
acid-fuel cell stack technology development, Full 85-13394  
acidity of ancient precipitation from the South Po 85-12325  
acoustic intensity techniques at the KU-FRL acoust 85-13216  
" radiation from the flight inlet, Spinning 85-13190  
" shocks in a variable area duct containing 85-13191  
" test facility, Measurement of transmissio 85-13216  
" wave devices to radio telemetry, Applicat 85-13273  
ACP 127 ( ) tape format :workbook., Message prepar 85-12316  
acquisition progress report 42-77, The Telecommuni 85-13267  
" regulations system., Code of federal r 85-12568  
" regulations system, CFR. 48, Federal 85-12568  
" regulations system, Federal 85-12568  
Act of January 12, 1983 (Public Law 97-459), Join 85-12630  
" of October 18, 1972, to Authorize Additional A 85-12584  
" of 1930, together with the information obtaine 85-12984  
" to Amend the Act Authorizing the Establish- 85-12586  
" ment 85-12584  
" to Amend the Act of October 18, 1972, to Autho 85-12584  
" to Amend the Bankruptcy Amendments and 85-12598  
" Federal 85-12598  
" to Amend the Communications Act of 1934 to 85-12604  
" Pro 85-12604

- " to Amend the Panama Canal Act of 1979 to Autho 85-12624  
 " to Amend the Public Health Service Act to Revi 85-12589  
 " to Amend the River and Harbor Act of 1946., An 85-12628  
 " to Amend the Tax Equity and Fiscal Responsibil 85-12625  
 " to Amend the Vocational Education Act of 1963 85-12596  
 " to Amend Title I of the Reclamation Project Au 85-12609  
 " to Amend Title 38, United States Code, to Incr 85-12602  
 " to Authorize Amendments to a Certain Repay-ment 85-12579  
 " to Authorize Appropriations for Fiscal Year 19 85-12576  
 " to Authorize Appropriations to the Nuclear Reg 85-12606  
 " to Authorize the Administrator of General Serv 85-12595  
 " to Authorize the Secretary of the Interior to 85-12585  
 " to Compensate Heirs of Deceased Indians for Im 85-12581  
 " to Designate Certain National Forest Lands in 85-12573  
 " to Designate Certain National Forest Systems L 85-12588  
 " to Designate the Federal Building and United S 85-12615  
 " to Designate the Federal Building and United S 85-12616  
 " to Designate the United States Courthouse Buil 85-12619  
 " to Designate the United States Post Office and 85-12620  
 " to Direct the Secretary of Agriculture to Conv 85-12610  
 " to Eliminate Restrictions with Respect to the 85-12629  
 " to Establish Uniform Audit Requirements for St 85-12583  
 " to Extend Through September 30, 1988, the Peri 85-12578  
 " to Facilitate Commercial Space Launches, and f 85-12611  
 " to Implement the Eastern Pacific Ocean Tuna Fi 85-12574  
 " to Prevent Disruption of the Structure and Fun 85-12599  
 " to Provide for the Conservation and Manage-ment 85-12632  
 " to Provide for the Establishment of the Task F 85-12587  
 " to Provide for the Restoration of the Fish and 85-12601  
 " to Provide for the Use and Distribution of Cer 85-12626  
 " to Provide Retirement Equity for Former Spouse 85-12634  
 " to Provide That Any Osage Headright or Restrict 85-12612  
 " to Redesignate the Veterans' Administration Me 85-12618  
 " to Revise and Extend Provisions of the Public 85-12605  
 " to Revise and Extend the Programs of Assistanc 85-12591  
**Act Authorizing the Establishment of the Congaree** 85-12586  
**Act Entitled "The San Juan Basin Wilderness Prote of 1984.", An** 85-12627  
**Act Making Appropriations for the Departments of L** 85-12636  
**Act Pertaining to the Inheritance of Trust or Rest** 85-12592  
**action in ECIA case studies of Chapter 2 in select** 85-12471  
 " :the states and small business, San Diego, 85-13540  
 " , Marine casualty report :SS Marine Electri 85-13623  
 " 's three-year veteran's initiative : summary 85-12012  
 " 's three-year veteran's initiative : technic 85-12011  
 " , the National Volunteer Agency needs you to 85-12014  
 " —the states and small business :the sixth Na 85-13541  
 " , Who needs you? :we do! : ACTION, the Nati 85-12014  
**actions to reform contracts of the Department of D** 85-13784  
**active control of large flexible space structures,** 85-13417  
 " controls (IAAC) technology to an advanced s 85-13138  
**active-duty missile maintenance personnel /, Analy** 85-12409  
**Activities ... plans ...** 85-12112  
 " /, Report of committee 85-13690  
 " ;, Summary of 85-13687  
 " carried out under Public Law 480, Annua 85-11878  
 " guide /, Customs, courtesies and 85-12242  
 " of the Committee on Banking, Housing, a 85-13672  
 " of the Committee on Education and Labor 85-13689  
 " of the Committee on Interior and Insula 85-13691  
 " of the Merchant Marine and Fisheries Co 85-13682  
 " on alcohol abuse and alcoholism, Report 85-12714  
 " report of the Committee on Veterans' Af 85-13688  
 " , January 1 - March 31, 1984, Aeronautic 85-13247  
 " , Radiation protection for manned space 85-13228  
 " , Report to the U.S. Congress on federa 85-12714  
 " , Report to the US Congress on federal a 85-12714  
 " , 98th Congress ;, Review of arms contro 85-13782  
**activity /, Survey of compounds which have been te** 85-12660  
 " /, Survey of compounds which have been te 85-12661  
 " book., The Crime prevention 85-12999  
 " during the ... Congress of the Committee 85-13686  
 " on higher vertebrate populations at Army 85-12329  
 " reporting :operations., Joint airdrop ins 85-12369  
**acts at Miami International Airport ;, Implementat** 85-13854  
**actuators, Experiments in control of flexible stru** 85-13423  
**acute abdominal pain /, Computer-assisted diagnosi** 85-12342  
**Ada on distributed systems with high reliability r** 85-13444  
**adapter, guidance section to warhead, ADU-452A/B,** 85-12376  
**Adaptive arrays for satellite communications** 85-13254  
**Addendum to oversight of the U.S. Information Agen** 85-13853  
**addendums, Lubricant jet flow phenomena in spur an** 85-13079  
**additional reports., Programmed text :** 85-12310  
 " views to accompany S. 2527., Federal-Ai 85-13671  
**Additional Authorization of Appropriations for Sit** 85-12584  
**addresses and other tributes in the Congress of th** 85-13661  
**adhesives, Nonlinear viscoelastic characterization** 85-13193  
**adjacent areas /, Earthquake hazard studies in New** 85-13721  
 " coast /, Indian Ocean, Australia-West Coa 85-12205  
**adjournment /, Index to reports on private and pub** 85-13884  
**adjustment /, Rational-spline approximation with a** 85-13466  
 " programs, 1933-84 :background for 1985 85-11874  
**administered in New York City, 1978-1981 /, A stud** 85-13002  
**administrability of the tax code ;, Increasing pro** 85-13840  
**administration and management /, Scientific and te** 85-13026  
 " of the Wild Free-Roaming Horse and 85-12733  
 " , buildings and equipment., School 85-12548  
**administrative changes :report to the Congress /,** 85-12535  
 " development :first level program gu 85-13647  
 " guide for state maternal and child 85-12716  
 " record research, 1984 :selected pap 85-13565  
**Administrator of General Services to Transfer to t** 85-12595  
**Adolescence and depression.** 85-12707  
**Adolescent Family Life Demonstration Projects Act** 85-13905  
**adopted by the Supreme Court, Amendments to the ru** 85-13677  
**Adriatic, Italy-east coast, Brindisi to Promontori** 85-12191  
**Adriatic Sea, Yugoslavia, Otok Brac to Dubrovnik /** 85-12192  
**ADU-452A/B, part no. HA020503-301-00., Storage and** 85-12376  
**adult immigrants from North & Central America /, F** 85-12449  
**Adult Education., The ... annual report to the Pre** 85-13697  
**Advanced composite elevator for Boeing 727 aircraf** 85-13137  
 " gas turbine (AGT) technology development 85-13401  
 " gas turbine AGT technology project 85-13389  
 " labor negotiation techniques. 85-12274  
 " orbit transfer vehicles, Propulsion issue 85-13049  
 " pitch change mechanism incorporating a hy 85-13071  
 " powder metallurgy aluminum alloys via rap 85-13201  
 " subsonic transport project, Integrated ap 85-13138  
 " transonic wing configurations, Numerical 85-13109  
 " turbine engines (MATE) :Project 3 design, 85-13399  
 " turbine engines (MATE) :project 3 design, 85-13400  
**advances, NIADDK research** 85-12672  
 " , NIADDK research 85-12673  
 " , NIADDK research 85-12675  
 " , NIADDK research 85-12676  
 " , NIAMDD research 85-12672  
 " , NIAMDD research 85-12675  
 " , NIAMDD research 85-12676  
 " , Research 85-12674  
**adverse pressure gradient turbulent boundary layer** 85-13441  
**Advice and support.** 85-12335  
**advisory committee resource guide /, Vocational in** 85-12427

- Advocacy's Sixth National Conference for State and** 85-13540  
**aerial barrier trap suitable for sampling flying b** 85-11915  
 " photographs., How to obtain 85-12843  
 " photography for assessing foliage protectio 85-11879  
 " photography, 1982, Land use inventory of Sa 85-13378  
 " sprays directed against the gypsy moth., Pa 85-11879  
**aeroacoustics of parallel baffles in ducts, Effect** 85-13113  
**Aerodynamic characteristics of two NASA supercriti** 85-13033  
 " characteristics of wings having vortex 85-13272  
**aerodynamics, Application of supercomputers to com** 85-13111  
**Aeromagnetic map of the Craig area, Alaska** 85-12842  
 " map of the San Francisco Peaks area, 85-12831  
**Aeronautics and space** 85-12561  
 " and space 85-12562  
 " and space., Code of federal regulation 85-12561  
 " and space., Code of federal regulation 85-12562  
 " and space, CFR. 14, 85-12561  
 " and space, CFR. 14, 85-12562  
 " and Space Engineering Board, Commissio 85-13247  
**Aerosol backscatter lidar calibration and data int** 85-13326  
**aerospace flight, Annual report to National Aeron** 85-13438  
 " ground equipment repairman (AFSC 42153) 85-12395  
**aersol composition from multi-wavelength lidar mea** 85-13240  
**AFDC reductions ., GAO analysis of the 1981** 85-13944  
**affairs /, Science, technology, and foreign** 85-13524  
 " information package, Spanish version., Pub 85-12642  
**affect the fatigue strength of power transmission** 85-13048  
 " you., Toxic chemicals :what they are, how t 85-12482  
**affecting geodynamics information in a tethered su** 85-13264  
 " historic communications satellite trends 85-13052  
 " supply, demand, and prices of U.S. rice 85-12000  
 " the business of the United States Senate 85-13659  
 " wet deposition of methyl iodide /, Labor 85-13745  
 " yields of major dissolved ions of stream 85-12741  
**affective disorder and phototherapy /, Seasonal** 85-12709  
**Affirmative employment statistics.** 85-13487  
**Africa.** 85-13504  
 " ., Food aid in 85-13862  
 " , the World Bank, and the IMF : 85-13847  
**Africa-east coast, Kenya-Tanzania, Dar es Salaam t** 85-12194  
 " coast, Somalia, Cadale (Italia) to Bara 85-12195  
**Africa-East Coast, Somalia, g. Raas Garmaal to g.** 85-12196  
**Africa-West Coast, Mauritania—Western Sahara :** 85-12186  
**African countries, Preprint from the ... Bureau o** 85-12910  
 " countries., Preprint from the ... Bureau o 85-12911  
 " countries., Preprint from the ... Bureau o 85-12912  
 " countries, Mineral industry of other centr 85-12911  
 " countries, Mineral industry of other east 85-12910  
 " countries, Mineral industry of other west 85-12912  
**AFSC 11650) /, Airborne communications systems ope** 85-12382  
 " 11650) /, Airborne communications systems ope 85-12383  
 " 24250) /, Disaster preparedness specialist ( 85-12384  
 " 25170), Meteorological technician ( 85-12406  
 " 27132) /, Apprentice operations systems manag 85-12385  
 " 27350) /, Combat control operator ( 85-12386  
 " 30270) /, Weather equipment technician ( 85-12387  
 " 30456) /, Space communications systems equipm 85-12388  
 " 32470) /, Precision measuring equipment techn 85-12390  
 " 32853) /, Electronic warfare systems speciali 85-12391  
 " 34152) /, Defensive system trainer specialist 85-12392  
 " 34152) /, Defensive system trainer specialist 85-12393  
 " 39250) /, Maintenance scheduling specialist ( 85-12394  
 " 42153) /, Aerospace ground equipment repairma 85-12395  
 " 42653) /, Turboprop propulsion mechanic ( 85-12396  
 " 42653) /, Turboprop propulsion mechanic ( 85-12397  
 " 42654) /, F-100 jet engine mechanic ( 85-12398  
 " 56651) /, Environmental support specialist ( 85-12399  
 " 62251) /, Diet therapy specialist ( 85-12400  
 " 64570) /, Inventory management supervisor ( 85-12401  
 " 66150) /, Logistics plans specialist ( 85-12402  
 " 70570) /, Legal services technician ( 85-12403  
 " 70570) /, Legal services technician ( 85-12404  
 " 79151), Radio and television broadcasting sp 85-12405  
**aft segment of the SRB filament wound case in the s** 85-13168  
 " skirt end ring, and mid ring segments of the s 85-13167  
**age ., National minimum drinking** 85-13903  
 " :practice and potential., Older worker employ 85-13698  
 " , basin and range province, Nevada /, Map showi 85-12776  
 " , basin and range province, Southern California 85-12764  
 " , biographic factors, and selection test perfor 85-13618  
**agencies /, Directory of cooperating** 85-12004  
 " /, River information digest, 1985 :for po 85-12947  
 " appropriations for fiscal year 1985 ;, Ag 85-13776  
 " appropriations for fiscal year 1985 ;, De 85-13777  
 " appropriations for 1985 ;, Departments of 85-13778  
 " throughout the world as of ..., Detailed 85-12554  
 " audit resolution procedures ;, Federal 85-13865  
**Agenda for a study of government science policy ;,** 85-13920  
**agent as a career., Border patrol** 85-12998  
**aggregates of the conterminous United States, Maps** 85-12819  
**aging at 760°C in low-pressure hydroge** 85-13061  
**agreeing to the Senate amendment to H.R. 4230 :rep** 85-13683  
**agreement handbook instruction., NASA grant and co** 85-13130  
 " :M1 Abrams tank system between III Corps 85-12238  
 " NAG5-35 and supplements #1 and #2 betwee 85-13414  
 " on Social Security between the United St 85-12639  
**agricultural airplane /, An experimental and theor** 85-13463  
 " and horticultural machinery, lawnmowe 85-12978  
 " areas of the San Luis Valley, South-C 85-12788  
 " chemicals technology, and related bio 85-11965  
 " experiment stations and other coopera 85-11875  
 " finance statistics, 1960-83 / 85-11849  
 " guestworkers ;, Hearings on immigrati 85-13813  
 " markets /, Protection in 85-11995  
 " policies in the grain and oilseed sec 85-11982  
 " policy on production and trade /, Wes 85-11990  
 " price-support and adjustment programs 85-11874  
 " productivity :a new look /, Measuring 85-11992  
 " research /, Inventory of 85-12002  
 " research /, Inventory of 85-12003  
 " research, Science and policy issues 85-11848  
 " trade policy issues in the eighties, 85-11994  
**Agricultural Research Service watershed and plot d** 85-11970  
**Agricultural Trade and Export Policy ;, To establi** 85-13878  
**Agriculture** 85-12559  
 " /, An analytical framework for examini 85-11991  
 " /, Report of the Secretary of 85-11846  
 " ;, The effects of federal income tax p 85-13809  
 " and Food Act of 1981 ;, Long-term farm 85-13767  
 " :background for 1985 farm legislation. 85-11873  
 " in southwest Georgia /, Land managemen 85-11996  
 " to Convey, for Certain Specified Consi 85-12610  
 " , CFR. 7, 85-12559  
 " , Code of federal regulations. 7, 85-12559  
 " , Fact book of U.S. 85-11854  
 " , Fact book of US 85-11854  
 " , rural development, and related agenci 85-13776  
**AGT technology project, Advanced gas turbine** 85-13389  
 " ) technology development, Advanced gas turbine 85-13401  
**aid in Africa ;, Food** 85-13862  
 " needs and availabilities /, World food 85-11978  
 " to identifying aspen diseases frequently encou 85-11950  
 " /buddy care instructions, Self 85-12370  
**aids /, Transit marketing in Pennsylvania :a handb** 85-13585  
**air /, Combustion gas properties :I-ASTM jet A fue** 85-13465  
 " almanac /, The 85-12366  
 " bag sensor systems./, Bumper tests of a 1979 F 85-13633

- " carrier operations inspector's handbook :part 85-13609  
 " flow /, An experimental investigation of gas j 85-13141  
 " pollution measurement systems., Quality assura 85-12483  
 " pumps and vacuum pumps, and air-conditioning 85-12979  
 " quality analysis for the combined hydrocarbon 85-12730  
 " systems for nitric oxide reduction in refinery 85-12510  
 " traffic control. 85-13606  
 " traffic control radar controller :soldier's ma 85-12270  
 " traffic control specialist trainees :I., age, 85-13618  
 " traffic control system : Status of 85-13796  
 " , wheel mounted, pneumatic tires, diesel driven 85-12258  
 air-conditioning and refrigeration machines : TSUS 85-12979  
 air-cooled turbine blades, Fabrication development 85-13393  
 Air Force technical training : a preliminary inqui 85-12410  
 " , Handbook for service attaches accredi 85-12374  
 Air Force Academy., Welcome to the United States 85-12412  
 Air Force Human Resources Laboratory technical pub 85-12408  
 Airbag demonstration program :phase III / 85-13627  
 Airborne communications systems operator (AFSC 116 85-12382  
 " communications systems operator (AFSC 116 85-12383  
 " decision making systems :semiannual progr 85-13355  
 " radar navigation system, Investigation of 85-13151  
 Aircraft accident report :Scandinavian Airlines Sy 85-13589  
 " accident report :Western Helicopters, Inc 85-13588  
 " and rawinsonde data, Kinematic analysis o 85-13451  
 " fire control repairer, MOS 68J :skill lev 85-12271  
 " fuels :proceedings of a conference held a 85-13456  
 " gearboxes, An analytical method to predic 85-13074  
 " industry and forest products industry : 85-13943  
 " interior noise problem, General aviation 85-13357  
 " landing approach lateral control gearing 85-13085  
 " qualification section 5, electrical., Pe 85-12348  
 " qualification section 6, utility, enviro 85-12349  
 " wings, A Fundamental approach to the stic 85-13310  
 " , Advanced composite elevator for Boeing 7 85-13137  
 " , Optimal cooperative control synthesis ap 85-13162  
 " , Structural sizing of a solar powered 85-13198  
 " , Study of effects of fuel properties in t 85-13388  
 " , Summary of airworthiness directives for 85-13613  
 " , Summary of airworthiness directives for 85-13614  
 airdrop inspection records, malfunction investigat 85-12369  
 airfoil group, guided bomb, MXU-724/B, part no. HK 85-12375  
 " in the Langley 0.3-meter transonic cryogen 85-13034  
 airfoils with different maximum thicknesses, Aerod 85-13033  
 " , Interacting boundary-layer solutions for 85-13195  
 airglow , A Study of the atmosphere and ionosphere 85-13206  
 airplane /, An experimental and theoretical invest 85-13463  
 " system design, MLS/ 85-13200  
 " with initial decoupler pylon /, Ground vi 85-13125  
 airplanes with continuous-flow, fuel-injection, re 85-13610  
 Airworthiness directives 85-13613  
 " directives 85-13614  
 " directives., Federal aviation regula 85-13613  
 " directives., Federal aviation regula 85-13614  
 " directives for large aircraft, Summa 85-13613  
 " directives for large aircraft, Summa 85-13614  
 " directives for small aircraft, Summa 85-13613  
 " directives for small aircraft, Summa 85-13614  
 al., Draft environmental statement related to the 85-13715  
 " , Final environmental statement related to the 85-13714  
 " , Safety evaluation report related to the opera 85-13706  
 " , Safety evaluation report related to the opera 85-13707  
 " , Safety evaluation report related to the opera 85-13711  
 Alabama., 1982 census of wholesale trade. Geograph 85-12053  
 Alabama Urban School Educators :final report /, Co 85-12469  
 Alaska 85-12794  
 " /, Stratigraphic nomenclature for the upper 85-12736  
 " , Map of marine geology of Upper Muir and 85-12840  
 " native housing and community development pr 85-12725  
 " topographic - bathymetric series : 85-12895  
 " topographic series : 85-12896  
 " topographic series : 85-12897  
 " , Aeromagnetic map of the Craig area, 85-12842  
 " , An Act to Amend the Act of October 18, 19 85-12584  
 " , Geologic map and sections of the southwest 85-12830  
 " , Isopach map of Holocene sediment, Outer Co 85-12805  
 " , Lookout Ridge quadrangle, Engineering-geol 85-12809  
 " , Map showing the distribution and abundance 85-12795  
 " , Map showing the distribution and abundance 85-12796  
 " , Map showing the distribution and abundance 85-12797  
 " , Map showing the distribution and abundance 85-12798  
 " , Map showing the distribution and abundance 85-12799  
 " , Map showing the distribution and abundance 85-12800  
 " , Map showing the distribution and abundance 85-12801  
 " , Map showing the distribution and abundance 85-12802  
 " , Map showing the distribution and abundance 85-12803  
 " , Map showing the distribution and abundance 85-12804  
 " , Photo-interpretation map of surficial depo 85-12824  
 " , station E (Reunion) /, Omega propagation c 85-12151  
 " , station G (Australia) /, Omega propagation 85-12152  
 " , Summary of radiometric anomalies in 85-12806  
 " , U.S.G.S. water resources data. 85-12794  
 " , USGS water resources data. 85-12794  
 " , Water resources data. 85-12794  
 Albania , Human rights in 85-13852  
 Albuquerque District wilderness analysis reports, 85-12968  
 " wilderness final environmenta 85-12963  
 alcohol abuse and alcoholism, Report to the United 85-12714  
 " and Drug Abuse and Mental Health Services. 85-12589  
 " and drug abuse prevention. 85-12425  
 " -bootleg fuel? 85-13620  
 alcohol-related activities., Report to the U.S. Co 85-12714  
 " activities, Report to the US Congr 85-12714  
 alcoholism, Report to the United States Congress o 85-12714  
 Alexander Pirnie Federal Building., An Act to De 85-12620  
 Algonquin Gas Transmission Company, Texas Eastern 85-12418  
 algorithm and a maximum likelihood estimator /, A 85-13143  
 " for sea surface height estimation using 85-13225  
 " for subsonic flow, Progress on a general 85-13182  
 algorithms for evaluating prehospital care., Compu 85-13628  
 " for the measurement of model deformation 85-13102  
 " onto multiple-instruction/multiple-data 85-13108  
 aliens , U.S. tax guide for 85-13568  
 all-metal thick film cost effective metallization 85-13345  
 Alleghenies /, Prescribing silvicultural treatment 85-11939  
 Allegheny Plateau /, Black cherry site index curve 85-11900  
 Allergy and Infectious Diseases., NIAID interferon 85-12671  
 allied studies in silicon solar cells, Surface and 85-13346  
 Allison transmissions :automatic models AT 540. 85-12373  
 Allocation of budget totals for fiscal year ... : 85-13685  
 alloy combustor liner /, Materials for advanced tu 85-13399  
 " combustor liner /, Materials for advanced tu 85-13400  
 " oxidation/corrosion/erosion using a video ca 85-13058  
 alloys after long-term aging at 760°C 85-13061  
 " in pressurized oxygen /, Laser-initiated co 85-12089  
 " via rapid solidification technology, Advanc 85-13201  
 almanac /, The Air 85-12366  
 alteration for portions of the Needles I 85-12816  
 altering jet fuel properties on refinery costs and 85-13392  
 alternative aircraft fuels :proceedings of a confe 85-13456  
 " containers for low-level wastes contai 85-13741  
 " data sources /, Initialization of a me 85-13140  
 " strategies for space station financing 85-13443  
 Alternative Medical Liability Act : 85-13940  
 alternatives for revegetation :Whitman Mission Nat 85-12948  
 " for serving special populations in vo 85-12428

- " to ethylene dibromide (EDB) : 85-13769
- Alton, and Kaiparowits Plateau coal fields, south- 85-12826
- Alturas and East Shasta planning areas, Rangeland 85-12967
- aluminum alloys via rapid solidification technolog 85-13201
- AlUwayja' to Ra's Tawinis /, Mediterranean Sea, Li 85-12193
- Alzheimer's disease : 85-13764
- Ambient noise in the sea / 85-12365
- and interdiction ; Federal drug law enforcement 85-13911
- Ameland to Fano /, North Sea, Denmark-Netherlands, 85-12177
- amend section 15 of the Small Business Act by requ 85-13933
- " the Act Authorizing the Establishment of the 85-12586
- " the Act of October 18, 1972, to Authorize Ad 85-12584
- " the Bankruptcy Amendments and Federal Judges 85-12598
- " the Communications Act of 1934 to Provide a 85-12604
- " the Mineral Lands Leasing Act of 1920 ; To 85-13883
- " the Panama Canal Act of 1979 to Authorize Qu 85-12624
- " the Public Health Service Act to Revise and 85-12589
- " the River and Harbor Act of 1946, An Act to 85-12628
- " the Tax Equity and Fiscal Responsibility Act 85-12625
- " the Vocational Education Act of 1963 to Stre 85-12596
- Amend Title 38, United States Code, to Increase th 85-12602
- Amend Title I of the Reclamation Project Authoriza 85-12609
- amended : International Research and Studies Progra 85-12422
- " through December 31, 1984 /, A compilation 85-13812
- Amending the National Historic Preservation Act; m 85-13820
- Amendment of part A of Title XVIII of the Social S 85-12635
- " of the Debt Collection Act of 1982 : 85-13888
- " of Title 18 of the U.S. code. 85-12617
- " to H.R. 4230 : report (to accompany H. Re 85-13683
- amendments of 1984 ; Veterans' Administration hea 85-13938
- " of 1984 : report (to accompany S. 2311). 85-13665
- " to the California Desert Conservation A 85-12964
- " to the request for appropriations for t 85-13674
- " to the rules of criminal procedure for 85-13677
- amenity forest values : a comparative review /, Emp 85-11941
- America /, Perfect in her place : women at work in 85-13545
- " : a challenge for the 1980's : a report to 85-13492
- " plans for space, 6-7 December 1984., Space 85-12220
- " 's excellence., Hispanics, a part of 85-13010
- " 's fact finder, the Census Bureau : your int 85-12017
- " 's international highway program., A World 85-13592
- " , treasury notes of August 15, 1987, series 85-13554
- " , treasury notes of July 31, 1986, series W 85-13553
- American agricultural research., Science and polic 85-11848
- " families ; Violence and abuse in 85-13793
- " freshman : national norms for fall 1983 /, 85-12457
- " language course. 85-12128
- " medicine as an Army physician : the Army me 85-12297
- " sunrise : the Vietnam Veterans Leadership 85-12011
- " sunrise : the Vietnam Veterans Leadership 85-12012
- " women., Fertility of 85-12043
- American Indian children and their teachers : final 85-12463
- American Statistical Association in Philadelphia, 85-13565
- ammunition., List of storage and outloading drawin 85-12272
- amount for an average male worker /, Primary insur 85-12645
- amounts of tritium /, Alternative containers for l 85-13741
- Amphibia: Anura, Leptodactylidae /, Variation, sy 85-13547
- amplifier, Dye laser traveling wave 85-13408
- Antrak passenger train no. 301 on Illinois Central 85-13590
- "An extended d(min) = 4 RS code" 85-13282
- AN/GRC-143., Diagram booklet : telephone signal con 85-12315
- AN/GRC-144 and AN/GRC-143., Diagram booklet 85-12315
- AN/GSM-259 (NSN 4931-01-019-1829), Direct support 85-12261
- AN/GSM-287, (NSN 6695-01-081-4873), (line item no 85-12268
- AN/MPQ-51 (XO-1) (Improved Hawk Air Defense 85-12260
- Guided), DS and GS maintenance manual 85-12260
- radar set 85-12260
- AN/URM-52( ), TS-621( ), and Hewlett-Packard model 85-12288
- AN/URM-145 (Boonton, model 91CA), AN/URM- 85-12283
- 145A, AN/ 85-12283
- AN/URM-145A, AN/URM-145B, AN/URM-145C, 85-12283
- AN/URM-145D 85-12283
- AN/URM-145B, AN/URM-145C, AN/URM-145D/U, 85-12283
- and RF vo 85-12283
- AN/URM-145C, AN/URM-145D/U, and RF volt- 85-12283
- meters, Boo 85-12283
- AN/URM-145D/U, and RF voltmeters, Boonton, 85-12283
- models 85-12283
- AN/USM-140 and AN/USM-141 (Hewlett-Packard 85-12280
- models 85-12280
- AN/USM-140A (Hickok Instrument Co., model 1807), 85-12280
- A 85-12280
- AN/USM-140B and AN/USM-141A (Hewlett-Packard 85-12280
- model 85-12280
- AN/USM-140C and AN/USM-141B, Calibration proced- 85-12280
- ure 85-12280
- AN/USM-141 (Hewlett-Packard models 170 and 85-12280
- 170AR), 85-12280
- AN/USM-141A (Hewlett-Packard models 170B and 85-12280
- 170BR 85-12280
- AN/USM-141B, Calibration procedure for oscilloscop 85-12280
- AN/USM-184 (Tektronix Type 545A), AN/USM-196 85-12279
- and O 85-12279
- AN/USM-196 and OS-159 (P)/USM-195 (Tektronic 85-12279
- Type 85-12279
- analog /, Deflections of uniformly loaded floors : 85-11893
- analyses /, Microhistological techniques for food 85-11910
- " of DC series circuits for basic electrici 85-12336
- " , budget of the United States Government., 85-13501
- " , Sikorsky S-76A helicopter /, Noise measu 85-13615
- " , Technical support manual : waterbody sur 85-12525
- analysis /, CONTEMP4/MOD5 : an improvement to 85-13744
- CONT 85-13744
- " /, Import quotas on textiles : the welfare 85-12531
- and safety for utilities with nuclear pow 85-13723
- " code for transition prediction in three-d 85-13149
- " features of the UTPS program UROAD /, Tra 85-13624
- " for programmatic decisions /, Recreationa 85-13622
- " for reasonable accomodation., Handbook of 85-13488
- " for soil survey., Procedures for collecti 85-11963
- " for the combined hydrocarbon EIS, eastern 85-12730
- " in quasi-isotropic laminates under loads 85-13097
- " : intersection analysis, users' guide : a 85-13624
- methods for 21 suspect carcinogens in com 85-12509
- " of cable-stiffened space structures, Fini 85-13300
- " of carbon dioxide bands near 2.2 um 85-13275
- " of CF<sub>3</sub>Cl, The In 85-13224
- " of corrosive and passive surfaces by lase 85-12493
- " of effects of altering jet fuel propertie 85-13392
- " of electrophoresis performance 85-13172
- " of fiscal policy alternatives for serving 85-12428
- " of hearing on "Improving the research in 85-13919
- " of Hurricane Frederick (1979) using satel 85-13451
- " of institutions and degree awards, 1971 t 85-12465
- " of molten-core concrete interactions /, C 85-13738
- " of New York's timber resources /, An 85-11931
- " of noise measured from a propeller in a w 85-13464
- " of nuclear power plant control room crews 85-13725
- " of professional development and personnel 85-12429
- " of programs administered in New York City 85-13002
- " of rotating cyclic structures, NASTRAN fo 85-13362
- " of shells of revolution with application 85-13462
- " of smooth and notched fiber composite fle 85-13065
- " of spectral discrimination between corn a 85-13372
- " of spur gears, An investigation of the tr 85-13080
- " of the Calvert Cliffs, unit 1 nuclear pow 85-13729

- " of the chemistry of Spanish moss /, Facto 85-12743  
 " of the word synchronization properties of 85-13257  
 " of the 1981 AFDC reductions /, GAO 85-13944  
 " of urban storm-runoff data and the effect 85-12791  
 " of wave interactions in swept-wing flows, 85-13312  
 " of 1980 and 1983 survey findings : a repo 85-13030  
 " program for ice containment analysis /, C 85-13744  
 " reports, 1984 :Cabezon WSA, Empedrado WSA 85-12968  
 " study extension, Manned geosynchronous mi 85-13253  
 " study, Space station propulsion 85-13073  
 " to improve the maintenance environment a 85-12409  
 " to the hub-shroud contouring of a radial 85-13055  
 " and other evaluation methods /, Needs as 85-12446  
 " and reporting and bearing math modeling, 85-13175  
 " Determination of the succinonitrile-benz 85-13036  
 " Flutter and forced response of mistuned 85-13261  
 " Manufacturing in space :fluid dynamics n 85-13435  
 " policy analysis, and other evaluation me 85-12446  
 " Spartan release engagement mechanism (RE 85-13354  
 " The ASTRO-1 preliminary design review co 85-13040  
 " Tribological applications of surface 85-13069  
 " users' guide : a guide to the interacti 85-13624  
 analysts., Training and planning guide for managem 85-13491  
 analytical design procedure for the determination 85-13429  
 " framework for examining investment in a 85-11991  
 " method to predict efficiency of aircraf 85-13074  
 " values, Statistical correlation of stru 85-13114  
 analyzing electromagnetic scattering, September 25 85-13447  
 " properties of center/surround response f 85-13094  
 ancient precipitation from the South Pole /, Basel 85-12325  
 angle over digital processing of LANDSAT data, The 85-13371  
 angles of linearly polarized antennas and radio wa 85-12117  
 angular anisotropy in the output of thematic mappe 85-13421  
 Animal and Plant Health Inspection Service :, Impr 85-13771  
 " feed ingredients, TSUS items 184.10-184.85. 85-12970  
 " feeds and animal feed ingredients, TSUS ite 85-12970  
 " products /, Effects of sewage sludge on cor 85-12488  
 Animal Welfare Act by the Animal and Plant Health 85-13771  
 animation and movie production at LARC, Computer g 85-13202  
 Anion permselective membrane 85-13402  
 Anisotropic models of the upper mantle 85-13255  
 anisotropy in the output of thematic mapper, Demon 85-13421  
 anniversary of the U.S. Department of Justice buil 85-12985  
 " , 1934-1984., Office of General Counsel 85-13551  
 annotated /, Tariff schedules of the United States 85-12969  
 " bibliography of the Air Force Human Reso 85-12408  
 annuity programs for employees of public schools a 85-13572  
 anomalies in Alaska, Summary of radiometric 85-12806  
 " , The magnetic petrology of the deep crus 85-13439  
 anomaly map of the Butte 1"x 2 85-12825  
 answer desk directory., The small business 85-13537  
 Antarctica : 85-13796  
 antenna for the land mobile satellite system missi 85-13144  
 " system, Autonomous omnidirectional spacecr 85-13406  
 antennas and radio waves in satellite communicatio 85-12117  
 anticipated major changes in control rooms /, Iden 85-13742  
 Antilles /, Waterborne commerce of the United Stat 85-12519  
 " , Waterways and harbors, Gulf Coast, Missi 85-12319  
 antitank/assault weapon to prevent enemy use., Pro 85-12265  
 antitrust for small businesses., SBA 85-13538  
 Any Estate or Inheritance Tax, An Act to Provide T 85-12612  
 Apalachicola National Forest., Soils and vegetatio 85-11880  
 aperture radar and the NASA/JPL L- and C-band scat 85-13232  
 Aplicaciones de los sensores remotos a problemas h 85-13364  
 apparent contract noise, Uniform 85-13104  
 appendix "A" to license no. NPF-23., Technical s 85-13716  
 " "A" to license no. NPF-26., Technical s 85-13712  
 " "A" to license no. NPF-30., Technical s 85-13713  
 appliance /, Study of the effectiveness of a catal 85-12504  
 applicability of low-emission, high-efficiency coa 85-12514  
 applicable publications (LOAP) for Lance Field Art 85-12259  
 " to contracts covering federally finance 85-13016  
 " to Department of Defense personal prope 85-12223  
 Application for grants under the Law-Related Educa 85-12421  
 " for grants under Title VI of the High 85-12422  
 " for grants under Upward Bound Program. 85-12423  
 " instructions., Humanities projects in 85-13470  
 " of a quasi-3D inviscid flow and bounda 85-13055  
 " of active controls (IAAC) technology t 85-13138  
 " of an optimization method to high perf 85-13072  
 " of image processing technology to prob 85-13226  
 " of IR CID technology, Astronomical 85-13154  
 " of supercomputers to computational aer 85-13111  
 " of surface acoustic wave devices to ra 85-13273  
 " of technology /, Automated fingerprint 85-12994  
 " references/instructions/tables and gri 85-12224  
 " to an internal flow problem, A semi-di 85-13068  
 " to space flight, A study of stress-fre 85-13176  
 " to tires /, Mixed models and reduction 85-13462  
 applications /, Environmental assessment and overvi 85-12511  
 " center director's discretionary fund, 85-13039  
 " of research on effective teaching to 85-12466  
 " of surface analysis, Tribological 85-13069  
 " (PCN902-91548, S-10757-C), LANDSAT 4 85-13380  
 " (PCN902-91548, S-10757-C), Quarterly 85-13370  
 " :progress report no. 1 /, Use of micr 85-12905  
 " to the space station program, Study o 85-13295  
 " , Design considerations for a 85-13112  
 " , Evaluation of thermal data for geolo 85-13234  
 applied leadership development., Student text for 85-12244  
 " leadership development, leadership develop 85-12243  
 " research in space /, Microgravity :a new t 85-13132  
 " research related to the technology of spac 85-13260  
 " to a control-configured aircraft, Optimal 85-13162  
 " to hydrocarbon exploration, Study of LANDS 85-13367  
 apply National Register criteria to post offices / 85-12950  
 applying for federal assistance from HDS programs. 85-12719  
 " research to teacher education :the Univer 85-12467  
 appraisal for hydroelectric licensing :middle San 85-12417  
 " of data for ground-water quality in Nebr 85-12742  
 " of the surficial aquifers in the Pomme d 85-12789  
 " of the upper Arkansas River basin from L 85-12749  
 " study of saline water use equipment for 85-12901  
 Apprenticeship operations systems management specialis 85-12385  
 apprentices to lead inservice workshops for second 85-12475  
 apprenticeship research program, NASA-Ames summer 85-13090  
 approach /, In pursuit of wild geese :teaching cre 85-13544  
 " as demonstrated by the Tennessee Valley A 85-13761  
 " in high-speed digital simulation, Dataflo 85-13258  
 " lateral control gearing using simulation 85-13085  
 " to the sticking of insect residues to air 85-13310  
 " , first year preliminary report /, Applyin 85-12467  
 approaches for improving the assessment of human g 85-12485  
 " to Boca Grande /, South America, Venezu 85-12171  
 " , Japan, Honshu-northwest coast, Noto H 85-12215  
 appropriations :communication from the President o 85-13674  
 " for fiscal year 1984 and amendments 85-13674  
 " for fiscal year 1985 :, Agriculture 85-13776  
 " for fiscal year 1985 :, Department 85-13787  
 " for fiscal year 1985 :, Departments 85-13777  
 " for fiscal year 1985 :, Energy and 85-13774  
 " for fiscal year 1985 :, Legislative 85-13779  
 " for Sitka National Historical Park, 85-12584  
 " for the fiscal year 1984., Suppleme 85-13674  
 " for 1985 :, Departments of Labor, H 85-13778  
 " for 1986 :, Military construction 85-13773  
 Appropriations : Subcommittee on the Treasury, Pos 85-13558

- approved, industry-conducted flight instructor ref 85-13611
- approximate factorization implicit scheme for the 85-13110
- approximation formula for a class of Markov relab 85-13196
- " with automatic tension adjustment /, 85-13466
- April 10, 1979, using alternative data sources /, 85-13140
- April 1983 on agreement NAGS-35 and supplements #1 85-13414
- APS, type 18/500-1, part number 7085-5, federal st 85-12295
- aquifer in central Sumter County, Florida, May 198 85-12818
- " in parts of Colorado, Kansas, Nebraska, Ne 85-12747
- " Southwest Florida Water Management Distric 85-12821
- aquifers in the Pomme de Terre and Chippewa River 85-12789
- Arauco /, Chile, Bahia de Valparaiso to Golfo de 85-12164
- arbitrarily shaped main reflector, Secondary patte 85-13089
- arbitrary configurations using a higher order pane 85-13136
- Arbitration handbook. 85-13561
- " in small claims disputes, Highlights 85-13005
- arc currents on a negatively biased solar cell arr 85-13082
- " weld cladding overlay /, Charpy toughness and 85-13739
- arch, southwestern Wyoming /, The mid-Cretaceous f 85-12745
- architectural option, Space station needs, attribu 85-13289
- " options, A Study of space station ne 85-13297
- " options, A Study of space station ne 85-13304
- " options, A Study of space station ne 85-13352
- " options, NASA space station needs, a 85-13290
- " options, Space station needs, attrib 85-13291
- " options, Space station needs, attrib 85-13292
- " options, Space station needs, attrib 85-13293
- " options, Space station needs, attrib 85-13298
- " options, Space station needs, attrib 85-13301
- " options, Space station needs, attrib 85-13303
- " options, Space station needs, attrib 85-13305
- " options, Space station needs, attrib 85-13306
- " options, Space station needs attribu 85-13248
- " options study, Space station needs, 85-13294
- " options study, Space station needs, 85-13302
- " options study, Space station needs, 85-13309
- Architectural Branch., Cartographic and 85-12557
- Archive of Folk Culture., Washington field recordi 85-13018
- area /, Area wage survey. Cleveland, Ohio, metropol 85-13013
- " /, Area wage survey. Columbus, Ohio, metropol 85-13015
- " /, Area wage survey. Indianapolis, Indiana, m 85-13014
- " and country., U.S. exports. Schedule E commod 85-12042
- " and country of origin by schedule A commodity 85-12041
- " and country, Schedule E commodity groupings b 85-12042
- " and country, US exports. Schedule E commodity 85-12042
- " duct containing near sonic flows, Acoustic sh 85-13191
- " fenceposts: a progress report /, Service life 85-11923
- " in Randolph County, Illinois /, Hydrology of 85-12793
- " :Maricopa, Mohave, Pima, Pinal and Yavapai Co 85-12729
- " of proposed oil and, Summary report on the re 85-12837
- " of the Hornbrook formation, Oregon and Califo 85-12814
- " p (ID-43-3), Lemhi County, Idaho, Geology, ge 85-12834
- " series. Alabama., 1982 census of wholesale tr 85-12053
- " series. Arizona., 1982 census of service indu 85-12075
- " series. Arkansas., 1982 census of service ind 85-12076
- " series. Arkansas., 1982 census of wholesale t 85-12054
- " series. Connecticut., 1982 census of wholesal 85-12055
- " series. Delaware., 1982 census of wholesale t 85-12056
- " series. Florida., 1982 census of service indu 85-12077
- " series. Florida., 1982 census of wholesale tr 85-12057
- " series. Illinois., 1982 census of wholesale t 85-12058
- " series. Iowa., 1982 census of wholes trade. G 85-12059
- " series. Kansas., 1982 census of wholesale tra 85-12060
- " series. Kentucky., 1982 census of wholesale t 85-12061
- " series. Louisiana., 1982 census of service in 85-12078
- " series. Maryland., 1982 census of wholesale t 85-12062
- " series. Massachusetts., 1982 census of servic 85-12079
- " series. Michigan., 1982 census of wholesale t 85-12063
- " series. Middle Atlantic States (New Jersey, N 85-12020
- " series. Mississippi., 1982 census of service 85-12080
- " series. Mississippi., 1982 census of wholesal 85-12064
- " series. Missouri., 1982 census of wholesale t 85-12065
- " series. Nebraska., 1982 census of service ind 85-12081
- " series. New Jersey., 1982 census of wholesale 85-12066
- " series. New York., 1982 census of wholesale t 85-12067
- " series. North Carolina., 1982 census of whole 85-12068
- " series. North Dakota., 1982 census of service 85-12082
- " series. North Dakota., 1982 census of wholesa 85-12069
- " series. Ohio., 1982 census of retail trade. G 85-12048
- " series. Oklahoma., 1982 census of service ind 85-12083
- " series. Pacific States (Alaska, California, H 85-12022
- " series. Pennsylvania., 1982 census of wholesa 85-12070
- " series. South Atlantic States (Delaware, Dist 85-12021
- " series. South Carolina., 1982 census of whole 85-12071
- " series. Texas., 1982 census of service indust 85-12084
- " series. United States., 1982 census of wholes 85-12074
- " series. West Virginia., 1982 census of wholes 85-12072
- " series. Wisconsin., 1982 census of wholesale 85-12073
- " wage survey. Cleveland, Ohio, metropolitan ar 85-13013
- " wage survey. Columbus, Ohio, metropolitan are 85-13015
- " wage survey. Indianapolis, Indiana, metropol 85-13014
- " :wilderness technical report., Esmeralda-Sout 85-12957
- " 01 Northern Europe, Station F (Argentina) /, 85-12150
- " 04, Alaska, station E (Reunion) /, Omega prop 85-12151
- " 04, Alaska, station G (Australia) /, Omega pr 85-12152
- " 06, Greenland, station A (Norway) /, Omega pr 85-12153
- " 07, Mediterranean, station H (Japan) /, Omega 85-12154
- " 08, Asia, station C (Hawaii) /, Omega propaga 85-12155
- " 09, Northwest Pacific Station G (Australia) / 85-12156
- " 10, central Pacific, station G (Australia) /, 85-12157
- " 11, North America, station G (Australia) /, O 85-12158
- " 17, east Pacific, station D (North Dakota) /, 85-12159
- " , Alaska, Aeromagnetic map of the Craig 85-12842
- " , Arizona, Aeromagnetic map of the San Francis 85-12831
- " , Baja California Sur, Mexico, Reconnaissance 85-12828
- " , Cleveland, Ohio, metropolitan 85-13013
- " , Colorado /, Analysis of urban storm-runoff d 85-12791
- " , Columbus, Ohio, metropolitan 85-13015
- " , Custer County, Idaho, Geochemical sample loc 85-12808
- " , Indianapolis, Indiana, metropolitan 85-13014
- " , southeastern Alaska, Map showing the distrib 85-12795
- " , southeastern Alaska, Map showing the distrib 85-12796
- " , southeastern Alaska, Map showing the distrib 85-12797
- " , southeastern Alaska, Map showing the distrib 85-12798
- " , southeastern Alaska, Map showing the distrib 85-12799
- " , southeastern Alaska, Map showing the distrib 85-12800
- " , southeastern Alaska, Map showing the distrib 85-12801
- " , southeastern Alaska, Map showing the distrib 85-12802
- " , southeastern Alaska, Map showing the distrib 85-12803
- " , southeastern Alaska, Map showing the distrib 85-12804
- " , Washington, Principal facts for one-hundred- 85-12807
- Area Formerly Known as the Canal Zone., An Act to 85-12624
- areas /, Earthquake hazard studies in New York Sta 85-13721
- " /, Prime contract awards in labor surplus 85-12136
- " /, Prime contract awards in labor surplus 85-12137
- " /, Prime contract awards in labor surplus 85-12138
- " /, Prime contract awards in labor surplus 85-12139
- " developed for nonforest use in western Washi 85-11932
- " in Florida, Use of thermal inertia determine 85-13369
- " of the San Luis Valley, South-Central Colora 85-12788
- " , Colorado., 1982 census of retail trade. Maj 85-12051
- " , Rangeland program summary for Alturas and 85-12967
- " , Utah., 1982 census of retail trade. Major r 85-12052
- Argentina, Mineral industry of 85-12913
- " , Preprint from the ... Bureau of Mines 85-12913
- Argentina-Uruguay-East Coast, Rio de la Plata to B 85-12165
- Argentina agricultural policies in the grain and o 85-11982

- argillaceous sedimentary and metasedimentary rocks 85-12754  
 " sedimentary and metasedimentary rocks 85-12762  
 " sedimentary and metasedimentary rocks 85-12768  
 " sedimentary and metasedimentary rocks 85-12787  
 " sedimentary rocks, basin and range pr 85-12773  
 ARI research publications, Abstracts of 85-12314  
 Arizona /, Important farmlands of Graham County, 85-11964  
 " /, Map showing outcrops of granitic rocks, 85-12753  
 " /, Map showing outcrops of pre-quaternary 85-12755  
 " /, Map showing outcrops of pre-quaternary 85-12756  
 " /, Map showing outcrops of thick, dominant 85-12754  
 " /, Maps showing distribution of dissolved 85-12752  
 " /, Maps showing ground-water levels, spring 85-12751  
 " /, Maps showing ground-water units and water 85-12750  
 " /, Pocket gopher food habits on two distur 85-11906  
 " /, Proposed wilderness program for the Phoenix 85-12729  
 " /, The Schultze Granite, the Tea Cup Granite 85-12746  
 " /, The need for a national veterans' cemetery 85-13937  
 " and California, Preliminary map of limonite 85-12816  
 " as Wilderness, and for Other Purposes, An 85-12573  
 " /, Aeromagnetic map of the San Francisco Peaks 85-12831  
 " /, 1982 census of service industries. Geographical 85-12075  
 Arkansas for Inclusion in the National Wilderness 85-12588  
 " /, 1982 census of service industries. Geographical 85-12076  
 " /, 1982 census of wholesale trade. Geographical 85-12054  
 Arkansas River basin from Leadville to Pueblo, Colorado 85-12749  
 Arkansas Wilderness Act of 1984 :report (to accompany 85-13668  
 Arlington, Virginia, March 22-24, 1983 /, Global battle 85-13457  
 armament circuits, Study manual phase II, electrical 85-12340  
 armed forces, Standard "B" ration for the 85-12266  
 Armed Forces. 85-12545  
 " /, Handbook for stringers in the 85-12141  
 Armed Services, House, Hearing on H.R. 5256, to authorize 85-13784  
 arms control and disarmament activities, 98th Congress 85-13782  
 " control negotiations : January 14, 1984, General 85-13522  
 " repairer, skill level I /, MOS 45B small 85-12332  
 Army aviation, 23-4507-1, 34-4507-1, 35-4507-1, 68 85-12309  
 " installations /, Effects of tracked vehicle 85-12329  
 " medical team, Be a vital part of American medicine 85-12297  
 " physician the Army medical team, Be a vital 85-12297  
 " 's education planning guide, Beyond high school 85-12308  
 Army Harry Diamond Laboratories Technology Transfer and 85-12331  
 the Federal Laboratory Consortium for Technol 85-12300  
 Army Medical Specialist Corps :the Army Medical Team 85-12299  
 Army Medical Team, A Good place for a BSN to start 85-12300  
 " /, Army Medical Specialist Corps 85-12298  
 " /, Health Professions Scholarship 85-12301  
 " /, The Medical Service Corps :the 85-12230  
 Army National Guard, 12 questions veterans ask about 85-12303  
 Army Reserve helps you and the people you care about 85-12296  
 " :what you get out of it, Benefits, and 85-12304  
 " /, The 85-12302  
 Army ROTC scholarships. 85-13575  
 arrangements (IRA's), Individual retirement 85-13299  
 " /, Noise path identification using face 85-13082  
 array in a plasma, Characteristics of arc currents 85-13347  
 " project, Flat-plate solar 85-12362  
 " synthesis technique using a personal computer 85-13254  
 arrays for satellite communications, Adaptive 85-13180  
 " /, A model for the distributed storage and processing 85-13375  
 " /, Safety-related requirements for photovoltaic 85-12478  
 arrive, What to do before and after the auditors 85-12523  
 arsenicals, Wood preservative pesticides :creosote 85-13002  
 arson :analysis of programs administered in New York 85-12221  
 Art and practice of military strategy /, The 85-12585  
 Art Barn in Rock Creek Park in the District of Columbia 85-12585  
 Art Barn Association to Assist in the Preservation 85-12672  
 Arthritis, rheumatic diseases, and related disorders 85-12980  
 articles : TSUS items 751.05-751.25, 755.05-755.50 85-12976  
 artists' colors, inks and ink powders, and paints, 85-12456  
 arts and reading, Heuristic methods for the mildly 85-13468  
 " /, Design 85-13469  
 " /, film/radio/television, Media 85-13469  
 " /, film, radio, television, Media 85-12133  
 " /, Language 85-13831  
 asbestos hazards : Federal efforts to control 85-13600  
 ash in highway construction /, The use of fly 85-12767  
 ash-flow tuff, and lahatic breccia, basin and range 85-12755  
 " tuffs and volcanoclastic rocks, basin and 85-12780  
 " tuffs, basin and range province, Oregon / 85-12763  
 " tuffs, basin and range province, Southern 85-12197  
 Ash Shariqah /, Asia, Persian Gulf-southeastern part 85-12213  
 Asia, N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait 85-12197  
 " /, Persian Gulf-southeastern part, Halat Al Mub 85-12214  
 " /, South Korea-South coast, Donae Hae to Busan 85-12155  
 " /, station C (Hawaii) /, Omega propagation correction 85-12230  
 ask about joining the Army National Guard, 12 questions 85-11950  
 aspen diseases frequently encountered in the Rocky 85-12443  
 aspirations and intended field of study in college 85-12265  
 assault weapon to prevent enemy use, Procedure for 85-13000  
 " /, How to protect yourself against sexual 85-12996  
 assertion of rights /, Interrogation after 85-13632  
 assess side structures, Test device and test procedure 85-11879  
 assessing foliage protection achieved by aerial spray 85-12418  
 assessment : Algonquin Gas Transmission Company, Texas 85-12511  
 " and overview of biotechnology process a 85-12705  
 " :feedback for criterion test, Conducted 85-13456  
 " of alternative aircraft fuels :proceedings 85-13742  
 " of anticipated major changes in control 85-12485  
 " of human genetic risk : human biomonitoring 85-13327  
 " of photovoltaics, Environmental, health 85-13732  
 " of terminal blocks in the nuclear power 85-12748  
 " of the Manasota Basin, Manatee and Sarasota 85-12118  
 " of the United States software industry. 85-12833  
 " of wilderness lands in the western United States 85-13673  
 " review of U.S. strategic forces, pursued 85-12446  
 " summary :cost analysis, policy analysis 85-12963  
 " /, Albuquerque District wilderness final 85-13418  
 " /, Early warning and crop condition 85-12524  
 " /, final rules for radionuclides, Back 85-12103  
 " /, Foreign countries ... annual summary, 85-12104  
 " /, Foreign countries ... annual summary, 85-13329  
 " /, Hybrid vehicle 85-12965  
 " /, Las Cruces District wilderness final 85-13641  
 " /, plan, and handbook guide /, Lower Mississippi 85-13640  
 " /, plan, and handbook guide :executive summary 85-12964  
 " /, Proposed 1984 plan amendments to the 85-12525  
 assessments for conducting use attainability analysis 85-12358  
 assessor team manual, Command 85-13728  
 assign tasks to training strategies /, Nuclear power 85-13933  
 assignment of breakout procurement center representation 85-13241  
 " using reduced-order models and reduced-order 85-12585  
 Assist in the Preservation and Interpretation of the 85-11857  
 Assistance available from the Soil Conservation Service 85-12331  
 " available to you through U.S. Army Harry Diamond 85-12589  
 " from Alcohol and Drug Abuse and Mental Health 85-12719  
 " from HDS programs, Instructions for applying 85-11987  
 " policy /, Longrun changes in world food 85-13886  
 " to Rockland County, NY, in the Brinks River 85-13897  
 " to states to prevent the abuse of child 85-13820  
 " to volunteer groups : Amending the National 85-13503  
 " /, Update to the ... Catalog of Federal 85-13811  
 Assistance Act : Title IV, Missing Children's 85-12591  
 Assistance Under Titles X and XX of the Public Health 85-13788  
 Assistant Secretary of Energy (Defense Programs) : 85-13016  
 assisted construction : title 29, part 5 of the Code of

- associates, 1982-1983, A bibliography of planetary 85-13122  
 " , 1983-1984 /, A Bibliography of planeta 85-13129  
 associations., Tax information for homeowners 85-13574  
 assurance handbook for air pollution measurement s 85-12483  
 " programs in nuclear medicine facilities 85-12686  
 " user's guide /, Soil sampling quality 85-12501  
 " , Department of Defense personal propert 85-12237  
 ASTRO-1 preliminary design review coupled loads an 85-13040  
 Astronomical application of IR CID technology 85-13154  
 astrophysical plasmas, Theoretical studies of x-ra 85-13428  
 Atlanta, Georgia., Management skills for infection 85-12697  
 Atlantic Coast /, Waterborne commerce of the Unite 85-12318  
 " , Waterways and harbors, 85-12318  
 Atlantic Ocean on 12 February 1983 with multiple l 85-13623  
 Atlantic Striped Bass, and for Other Purposes., An 85-12632  
 atmosphere /, Dynamic model of the Earth's upper 85-13142  
 " and ionosphere using satellite observat 85-13206  
 atmospheric COS, CS<sub>2</sub> and CH 85-13436  
 " data tables available on computer tape 85-12102  
 " environment for space shuttle (STS-13) 85-13041  
 " handbook atmospheric data tables avai 85-12102  
 atomic fluorescence, Containerless high temperatur 85-13174  
 Atomic Energy Act of 1954, and Section 305 of the 85-12606  
 atrophy, Research opportunities in muscle 85-13446  
 attaches accredited to the Department of the Air F 85-12374  
 attainability analyses., Technical support manual 85-12525  
 attendance improvement., Supervisors guide to 85-13489  
 attitude control system, Modular design 85-13432  
 Attorney careers with the Legal Division. 85-13552  
 attorneys and access professionals., The Freedom o 85-13008  
 " and access professionals. Book II., The 85-13009  
 attraction and ultimate boundedness for linear qua 85-13461  
 attributes and architectural option, Space station 85-13289  
 " & architectural options, A Study of spa 85-13297  
 " & architectural options, A Study of spa 85-13304  
 " & architectural options, A Study of spa 85-13352  
 " and architectural options, Space statio 85-13248  
 " and architectural options, Space statio 85-13298  
 " and architectural options study, Space 85-13302  
 " and architectural options study, Space 85-13309  
 " and performance of six urban diffusion 85-12499  
 " , and architectural options, NASA space 85-13290  
 " , and architectural options, Space stati 85-13291  
 " , and architectural options, Space stati 85-13292  
 " , and architectural options, Space stati 85-13293  
 " , and architectural options, Space stati 85-13301  
 " , and architectural options, Space stati 85-13303  
 " , and architectural options, Space stati 85-13305  
 " , and architectural options, Space stati 85-13306  
 " , and architectural options study, Space 85-13294  
 audiovisual productions :DoD productions cleared f 85-12134  
 audit resolution procedures :, Federal agencies' 85-13865  
 auditors arrive., What to do before and after the 85-12478  
 augmentation of fabric filtration :reverse-air pil 85-12512  
 augmented), AN/GSM-287, (NSN 6695-01-081-4873), (I 85-12268  
 August 8, 1984, Colorado State University, Fort Co 85-11942  
 August 13-16, 1984 /, Statistics of income and rel 85-13565  
 August 15, 1987, series P-1987., United States of 85-13554  
 Australia, Mineral industry of 85-12914  
 " , Preprint from the ... Bureau of Mines 85-12914  
 Australia-north coast, Port Essington to Cape Stew 85-12204  
 Australia-West Coast, Western Australia, Houtman A 85-12205  
 Australian beef production and exports / 85-11997  
 Austria, Mineral industry of 85-12915  
 " , Preprint from the ... Bureau of Mines Mi 85-12915  
 Authorities of That Act for Assistance for Alcohol 85-12589  
 authority for fiscal year 1983, and one revision t 85-13675  
 " , pursuant to sections 1013(a) and, Defer 85-13675  
 authorization for appropriations for fiscal year 1 85-13787  
 " of Immigration and Naturalization Se 85-13895  
 Authorize the Administrator of General Services to 85-12595  
 " the Inspector General of the Department 85-13784  
 " the Secretary of the Interior to Enter i 85-12585  
 Authorize Amendments to a Certain Repayment and Wa 85-12579  
 Authorize Appropriations for Fiscal Year 1985 to C 85-12576  
 " to the Nuclear Regulatory 85-12606  
 Authorize Financial Assistance for Organ Procureme 85-12587  
 Authorize Quarters Allowances for Certain Employee 85-12624  
 authorized for use under USDA inspection and gradi 85-11855  
 Authorized Mishak National Wildlife Refuge, and fo 85-12609  
 automated airborne decision making systems :semian 85-13355  
 " data systems manual, Nonappropriated Fun 85-12240  
 " data systems manual :Nonappropriated Fun 85-12317  
 " fingerprint identification :regional app 85-12994  
 " offices /, Interim design guidelines for 85-12088  
 " technique to assign tasks to training s 85-13728  
 automatic data processing :definitions and specifi 85-12651  
 " finite element mesh generator, Parameter 85-13077  
 " models AT 540., Allison transmissions : 85-12373  
 " phase locking synchronizer, Weinschel en 85-12277  
 " tension adjustment /, Rational-spline ap 85-13466  
 automobile gas turbine engine, Cold-air performanc 85-13051  
 " industry :, State of the U.S. 85-13836  
 " manufacturers' measurements. 85-12530  
 automotive engine fuels, Evaluation of dissociated 85-13157  
 " equipment (Jan thru June - 1st half CY 85-12292  
 " generator and voltage regulator test se 85-12276  
 autonomous computers, Considerations on command an 85-13117  
 " omnidirectional spacecraft antenna syst 85-13406  
 auxiliary., Personnel qualification standard for B 85-12354  
 availabilities /, World food aid needs and 85-11978  
 available fom NTIS., NCHSR reports 85-12693  
 " for licensing., Inventions 85-11971  
 " from the Soil Conservation Service., Ass 85-11857  
 " on computer tape /, Atmospheric handbook 85-12102  
 " to you through U.S. Army Harry Diamond L 85-12331  
 AVE-SESAME V (20-21 May 1979) /, A kinetic energy 85-13139  
 average male worker /, Primary insurance amount fo 85-12645  
 aviation aircraft interior noise problem, General 85-13357  
 regulations. Part 39, Airworthiness direc 85-13613  
 " regulations. Part 39, Airworthiness direc 85-13614  
 " safety :, The impact of weather on 85-13917  
 " weather observations :for Supplementary A 85-12016  
 " , 23-4507-1, 34-4507-1, 35-4507-1, 68-4507 85-12309  
 Aviation Fuel Conservation Symposium :September 10 85-13607  
 Aviation Weather Reporting Stations (LAWRS)., Avia 85-12016  
 award program., Pilot proficiency 85-13612  
 awards by state., Prime contract 85-12135  
 " in labor surplus areas /, Prime contract 85-12136  
 " in labor surplus areas /, Prime contract 85-12137  
 " in labor surplus areas /, Prime contract 85-12138  
 " in labor surplus areas /, Prime contract 85-12139  
 " , 1971 to 1981 /, Graduate study in educatio 85-12465  
 awareness in patient education., Current 85-12700  
 " in school health education., Current 85-12701  
 Azores, Preliminary geologic map of Furnas Volcano 85-12815  
 A127., Calibration procedure for hygrograph and th 85-12285

## B

- B-scale storm environment during AVE-SESAME V (20- 85-13139  
 back-scattering from the ionosphere, Speed-depende 85-13204  
 background for 1985 farm legislation., Barley : 85-11870  
 " for 1985 farm legislation., Corn : 85-11864  
 " for 1985 farm legislation., Cotton : 85-11869

- " for 1985 farm legislation., Dairy : 85-11867  
 " for 1985 farm legislation., Federal cre 85-11873  
 " for 1985 farm legislation., History of 85-11874  
 " for 1985 farm legislation., Oats : 85-11866  
 " for 1985 farm legislation., Peanuts : 85-11862  
 " for 1985 farm legislation., Rice : 85-11863  
 " for 1985 farm legislation., Sorghum : 85-11868  
 " for 1985 farm legislation., Soybeans : 85-11865  
 " for 1985 farm legislation., Sugar : 85-11871  
 " for 1985 farm legislation., Tobacco : 85-11861  
 " for 1985 farm legislation., Wheat : 85-11860  
 " information document (integrated risk 85-12524  
 " notes, Benin. 85-13525  
 " notes, Cyprus. 85-13526  
 " notes, Ecuador. 85-13527  
 " notes, Guatemala. 85-13528  
 " notes, Jamaica. 85-13529  
 " notes, Luxembourg. 85-13530  
 " notes, Vatican City. 85-13531  
 " review /, Factors critical to the imple 85-12411  
 backgrounds /, A comparison of bilingual oral lang 85-12468  
 backscatter lidar calibration and data interpret 85-13326  
 baffles in ducts, Effect of boattail geometry on t 85-13113  
 bag sensor systems./, Bumper tests of a 1979 Ford 85-13633  
 Bahia de Valparaiso to Golfo de Arauco /, Chile, 85-12164  
 Bahia Blanca /, South America, Argentina-Uruguay-E 85-12165  
 Bahrain. 85-13505  
 Baja California Sur, Mexico, Reconnaissance geolog 85-12828  
 Baltic Sea, Sweden and Finland, Gulf of Bothnia / 85-12184  
 " , Sweden-east coast, Gotland / 85-12185  
 Baltimore, MD 21218 entitled 'Petrologic and, Fina 85-13414  
 band 6 data evaluation, LANDSAT 4 85-13365  
 " 6 data evaluation, LANDSAT 4 85-13375  
 bands near 2.2 um, Analysis of carbon dioxide 85-13275  
 banking., Banks and 85-12544  
 " , Housing, and Urban Affairs, United States 85-13672  
 Bankot /, India, west coast, Tarapur to 85-12199  
 Bankruptcy. 85-13578  
 Bankruptcy Amendments and Federal Judgeship Act of 85-12598  
 banks., National treatment of 85-13791  
 " and banking. 85-12544  
 Baraawe /, Africa-east coast, Somalia, Cadale (Ita 85-12195  
 " , fleet assessment, plan, and handbook guid 85-13640  
 " , fleet assessment, plan, and handbook guid 85-13641  
 Barium chloride from the People's Republic of Chin 85-12983  
 bark beetles /, A passive aerial barrier trap suit 85-11915  
 Barley :background for 1985 farm legislation. 85-11870  
 barrier coating burner rig life, Deposition stress 85-13056  
 " coating systems, Program for development o 85-13237  
 " to a 1976 Volkswagen Rabbit at 34.3 MPH /, 85-13630  
 " to a 1976 Volkswagen Rabbit at 34.3 MPH /, 85-13631  
 " trap suitable for sampling flying bark bee 85-11915  
 barriers on the U.S. sheet vinyl flooring industry 85-12981  
 basaltic rocks, basin and range province, Arizona 85-12756  
 " rocks, basin and range province, New Mexi 85-12774  
 " rocks of early quaternary and tertiary ag 85-12764  
 " rocks of early quaternary and tertiary ag 85-12776  
 base guide., Library data 85-12991  
 based information system on the Extramural Program 85-12651  
 " on occurrence of bottom simulating reflector 85-12820  
 " on work /, A society 85-12432  
 Baseline acidity of ancient precipitation from the 85-12325  
 basic and applied research in space /, Microgravit 85-13132  
 " and applied research related to the technolo 85-13260  
 " electricity and electronics A-100-0010 /, Mo 85-12336  
 " electricity and electronics A-100-0010 /, Mo 85-12337  
 " rifle marksmanship trainer's guide. 85-12246  
 " sciences., United States-Spain cooperative p 85-13473  
 " skills : final report /, Developer/demonstra 85-12475  
 " , Coal-seismic, desktop computer programs in 85-12836  
 basin /, Ground-water monitoring at Santa Barbara, 85-12738  
 " : Fresno, Madera, Mariposa, and Merced Count 85-12902  
 " and range province, Arizona /, Map showing o 85-12753  
 " and range province, Arizona /, Map showing o 85-12754  
 " and range province, Arizona /, Map showing o 85-12755  
 " and range province, Arizona /, Map showing o 85-12756  
 " and range province, Arizona /, Maps showing 85-12750  
 " and range province, Arizona /, Maps showing 85-12751  
 " and range province, Arizona /, Maps showing 85-12752  
 " and range province, Idaho /, Map showing out 85-12767  
 " and range province, Idaho /, Map showing out 85-12768  
 " and range province, Idaho /, Maps showing di 85-12766  
 " and range province, Idaho /, Maps showing gr 85-12765  
 " and range province, Nevada /, Map showing ou 85-12776  
 " and range province, Nevada /, Maps showing g 85-12775  
 " and range province, New Mexico /, Map showin 85-12772  
 " and range province, New Mexico /, Map showin 85-12773  
 " and range province, New Mexico /, Map showin 85-12774  
 " and range province, New Mexico /, Maps showi 85-12769  
 " and range province, New Mexico /, Maps showi 85-12770  
 " and range province, New Mexico /, Maps showi 85-12771  
 " and range province, Northern California /, M 85-12757  
 " and range province, northern California /, M 85-12758  
 " and range province, Oregon /, Map showing ou 85-12780  
 " and range province, Oregon /, Maps showing d 85-12779  
 " and range province, Oregon /, Maps showing g 85-12777  
 " and range province, Oregon /, Maps showing g 85-12778  
 " and range province, Southern California /, M 85-12759  
 " and range province, Southern California /, M 85-12760  
 " and range province, southern California /, M 85-12761  
 " and range province, Southern California /, M 85-12762  
 " and range province, Southern California /, M 85-12763  
 " and range province, Southern California /, M 85-12764  
 " and range province, Texas /, Maps showing di 85-12783  
 " and range province, Texas /, Maps showing gr 85-12781  
 " and range province, Texas /, Maps showing g 85-12782  
 " and range province, Utah /, Map showing outc 85-12787  
 " and range province, Utah /, Maps showing dis 85-12786  
 " and range province, Utah /, Maps showing gro 85-12784  
 " and range province, Utah /, Maps showing gro 85-12785  
 " from Leadville to Pueblo, Colorado /, Water- 85-12749  
 basins on the hydrology of Sands Plain, Marquette 85-12790  
 bathymetric series., Alaska topographic - 85-12895  
 batteries, Development of new intercalated cathode 85-13205  
 battery charger in electric vehicles, Performance 85-13315  
 " terminal equipment, (second quarter, CY 19 85-12290  
 Bay of Bengal, Palar River to Penner River /, Indi 85-12200  
 BB-61 class engineering qualification section 9, a 85-12354  
 Be Used for the Purposes of the Toledo Bend, An Ac 85-12610  
 beam shear specimens by moire interferometry /, De 85-13145  
 beam-spring analog /, Deflections of uniformly loa 85-11893  
 bearing math modeling, Bearing tester data compila 85-13175  
 " tester data compilation, analysis, and rep 85-13175  
 bears witness., Forensics :when science 85-12988  
 Beaver counties, Utah /, Geologic map of the Beave 85-12893  
 " counties, Utah /, Geologic map of the Frisc 85-12894  
 Beaver Lake Mountains quadrangle, Millard and Beav 85-12893  
 Beaver Valley Power Station, Unit 2, docket no. 50 85-13715  
 bed for the production of high-purity silicon, Pre 85-13343  
 bedrock samples, western Chicagof-Yakobi Islands 85-12795  
 " samples, western Chicagof-Yakobi Islands 85-12796  
 " samples, western Chicagof-Yakobi Islands 85-12797  
 " samples, western Chicagof-Yakobi Islands 85-12798  
 " samples, western Chicagof-Yakobi Islands 85-12799  
 " samples, western Chicagof-Yakobi Islands 85-12800  
 " samples, western Chicagof-Yakobi Islands 85-12801

- " samples, western Chichagof-Yakobi Islands 85-12802  
 " samples, western Chichagof-Yakobi Islands 85-12803  
 " samples, western Chichagof-Yakobi Islands 85-12804  
 beds, United States and each state, 1982 /, Distri 85-12712  
 beef production and exports /, Australian 85-11997  
 beetles /, A passive aerial barrier trap suitable 85-11915  
 Beg to Cap Frehel /, United Kingdom-France, Englis 85-12174  
 beginning on October 7, 1984, as "Mental Illness 85-12575  
 " , Jamestown, a 85-12945  
 behavior of candidate Stirling engine alloys after 85-13061  
 Bell UH-1B, N87701, Valencia, California, July 23, 85-13588  
 Belmonte /, Brazil-east coast, Recife to 85-12167  
 " to Rio de Janeiro /, Brazil-east coast, 85-12166  
 belt proponent's guide., The Safety 85-13636  
 beneath the Cascade Range, The upper mantle 85-13450  
 benefits and the nonmetro poor /, In-kind 85-12001  
 " as a civilian., Earn Army pay and 85-12306  
 " desk guide., Taxation of social security 85-12644  
 " from an improvement in water quality at S 85-11988  
 " , The Army Reserve :what you get out of it 85-12296  
 " , Your social security rights and respons 85-12643  
 Bengal, Palar River to Penner River /, India-east 85-12200  
 Bengkulu including Kepulauan Mentawai /, Indonesia 85-12201  
 Benin., Background notes, 85-13525  
 beetle species in relation to nuclear power plant 85-13249  
 benzenoid cyclic intermediates—specialty chemicals 85-12972  
 Berwick /, Scotland-east coast, Montrose to 85-12172  
 beryllium in bedrock samples, western Chichagof-Ya 85-13024  
 Bestsellers, 1979-1983. 85-13082  
 biased solar cell array in a plasma, Characteristi 85-13128  
 bibliography /, Publications of the Exobiology Pro 85-13129  
 " of planetary geology and geophysics p 85-13122  
 " of planetary geology principal invest 85-12408  
 " of the Air Force Human Resources Labo 85-12468  
 bilingual oral language and reading skills among l 85-13679  
 bill for the relief of Joseph Karel Hasek., Veto o 85-13933  
 " to amend section 15 of the Small Business Act 85-13939  
 bills /, Miscellaneous tariff and trade 85-13884  
 " and resolutions favorably reported by the Co 85-12494  
 bioassays to evaluate environmental impact of land 85-12506  
 biofouling /, Feasibility of ultrasonic and other 85-13457  
 biogeochemical processes in wetlands : report of a 85-13618  
 biographic factors, and selection test performance 85-12490  
 biological contactors /, Design information on rot 85-12684  
 Biologics Medical Library., Center for Drugs and 85-11942  
 Biology of dwarf mistletoes :proceedings of the sy 85-13457  
 " research program:biogeochemical processes 85-11921  
 biomass estimators for thinned second-growth ponde 85-11896  
 " for curlleaf cercocarpus in Nevada /, Volu 85-11907  
 " in the Southeast /, Empirical yields of ti 85-11919  
 " production of 12-year-old intensively cult 85-12485  
 biomonitoring, December 13-15, 1982, Washington, D 85-13238  
 bioprostheses, A durability study of pericardial 85-11965  
 bioregulation research programs, 1984., Program re 85-12511  
 biotechnology process applications /, Environmental 85-12952  
 bird roosts a review /, Histoplasmosis and its re 85-12006  
 birds, Directory of participants handling waterflow 85-12006  
 " , National poultry improvement plan. Directo 85-13599  
 bituminous concrete for improved skid resistance ( 85-12253  
 bituminous-concrete materials, wheel mounted, gaso 85-12477  
 black achievement., School desegregation and 85-11900  
 " cherry site index curves for the Allegheny P 85-13149  
 black-box compressible stability analysis code for 85-13156  
 blades /, Low-cost single-crystal turbine 85-13395  
 " , Abrasive tip treatment for use on compress 85-13393  
 " , Fabrication development for ODS-superalloy 85-13244  
 " , The boundary layer on compressor cascade 85-12321  
 blast loading (CSDOOR) /, Users guide :computer pr 85-13025  
 blind and physically handicapped individuals., Boo 85-12535  
 block grant : new state role brings program and ad 85-13425  
 blockage effects on confined turbulent flow, Swirl 85-13732  
 blocks in the nuclear power industry /, An assessm 85-13750  
 Blood policy & technology. 85-12341  
 " volume responses in partially dehydrated sub 85-12307  
 blow a job interview., How not to 85-12979  
 blowers, compressors, air pumps and vacuum pumps, 85-13030  
 Blowing the whistle in the federal government :a c 85-12030  
 blown glass, N.E.C. (industry 3229), 1982 census 85-12683  
 Blue book 85-12683  
 " book., PMS 85-12683  
 " book, P.M.S. 85-12947  
 boating rivers managed by federal agencies /, Rive 85-13622  
 " safety :analysis for programmatic decision 85-13113  
 boattail geometry on the aerocoustics of parallel 85-12171  
 Boca Grande /, South America, Venezuela-Northeast 85-13427  
 body size, composition and growth at hypo- and hyp 85-12971  
 body-supporting garments : TSUS items 376.04-376.2 85-13137  
 Boeing 727 aircraft, Advanced composite elevator f 85-13034  
 Boeing BAC I airfoil in the Langley 0.3-meter tran 85-13899  
 Boilermakers, 1983 /, Oversight on 85-12377  
 bomb, DSU-27A/B, part no. HG020601-001-00., Stora 85-12375  
 " , MXU-724/B, part no. HK020503-601-00., Stora 85-13176  
 bone and its application to space flight, A study 85-12665  
 " marrow transplantation., Research report: 85-13086  
 " mineral densitometry with a gamma camera, Hig 85-11854  
 book of U.S. agriculture., Fact 85-11854  
 " of U.S. agriculture, Fact 85-12683  
 " , Blue 85-12232  
 " , "Have fun coloring and learn how to preven 85-12683  
 " , P.M.S. blue 85-12683  
 " , PMS blue 85-12999  
 " , The Crime prevention activity 85-13009  
 Book II., The Freedom of Information Act for attor 85-12977  
 bookbinding machinery : TSUS items 668.00, 668.02, 85-12315  
 booklet :telephone signal converter CV-1548, multi 85-13025  
 Books for blind and physically handicapped individ 85-12538  
 " for sale by the Superintendent of Documents. 85-12283  
 Boonton, models 91C, 91CA-S4, 91DA, 91H, and 91HR. 85-13167  
 booster, Water impact test of aft skirt end ring, 85-13620  
 bootleg fuel?, Alcohol— 85-12998  
 Border patrol agent as a career. 85-12827  
 borehole geophysical logs for 23 test holes in sou 85-13726  
 " logging for radium-226 :recommended proce 85-13737  
 boric acid and resin LWR wastes :topical report /, 85-12796  
 boron and beryllium in bedrock samples, western Ch 85-13752  
 Boston elbow /, The 85-13868  
 Boston District Office of Workers' Compensation Pr 85-13591  
 Boston Gas Company natural gas overpressure explos 85-12184  
 Bothnia /, Baltic Sea, Sweden and Finland, Gulf of 85-12820  
 bottom simulating reflectors on marine seismic rec 85-12825  
 Bouguer gravity anomaly map of the Butte l 85-13055  
 boundary layer analysis to the hub-shroud contouri 85-13244  
 " layer on compressor cascade blades, The 85-13149  
 " layers, COSAL, a black-box compressible s 85-13441  
 " layers, l, Final report to The National A 85-13195  
 boundary-layer solutions for laminar separated flo 85-13461  
 boundedness for linear quadratic regulators with n 85-12464  
 Boy Scouts /, Making good boys better :nonformal e 85-12464  
 boys better :nonformal education in Boy Scouts /, 85-12026  
 " clothing, N.E.C. (industry 2329), 1982 cens 85-13546  
 Brachycentridae (Trichoptera) /, The genus Brachyc 85-13546  
 Brachycentrus in North America, with a proposed ph 85-13779  
 branch appropriations for fiscal year 1985 /, Legi 85-12183  
 Bransford to Leka /, Norway-west coast, 85-12916  
 Brazil, Mineral industry of 85-12916  
 " , Preprint from the ... Bureau of Mines Min 85-12166  
 Brazil-east coast, Belmonte to Rio de Janeiro /

## Brazil-east

- " coast, Cabo de Sao Tome to Rio de Janeiro coast, Recife to Belmonte / 85-12169  
 Brazil-north coast, Cabo Orange to Ilha de Maraca 85-12170  
 Brazilian soybean industry :economic structure and 85-11980  
 breakdown :adapter, guidance section to warhead, A 85-12376  
 " :airfoil group, guided bomb, MXU-724/B, 85-12375  
 " :target detecting device, modular guided 85-12377  
 breakout procurement center representatives : S. 85-13933  
 breccia, basin and range province, Idaho /, Map sh 85-12767  
 breed all mechanical air bag sensor systems./, Bum 85-13633  
 brief /, The Interior budget in 85-12726  
 " history of Farmers Home Administration /, A 85-11972  
 " list of material relating to the music of Mo 85-13017  
 " „The United States budget in 85-13500  
 " „U.S. budget in 85-13500  
 Brindisi to Promontorio Del Gargano /, Mediterrane 85-12191  
 brings program and administrative changes :report 85-12535  
 Brinks robbery trial : Financial assistance to Ro 85-13886  
 Broadcast regulation and station ownership : 85-13832  
 " services, WWVH :frequency-time 85-12085  
 broadcasting specialist (AFSC 79151), Radio and t 85-12405  
 Brooks Range, Alaska /, Stratigraphic nomenclature 85-12736  
 Bruce spanworm. 85-11951  
 BSN to start :the Army Medical Team., A Good place 85-12299  
 bubble memory systems, Investigation of fast initi 85-13103  
 bubbles /, Unified theory for predicting maximum f 85-13746  
 buddy care instructions., Self aid/ 85-12370  
 budget : The President's 1986 85-13765  
 " authority for fiscal year 1983, and one rev 85-13675  
 " authority, pursuant to sections 1013(a) and 85-13675  
 " authorization of Immigration and Naturaliza 85-13895  
 " in brief /, The Interior 85-12726  
 " in brief, The United States 85-13500  
 " in brief, U.S. 85-13500  
 " of the U.S. Government 85-13498  
 " of the U.S. Government 85-13499  
 " of the United States Government. 85-13498  
 " of the United States government., Historica 85-13502  
 " of the United States Government., Special a 85-13501  
 " of the United States Government. Appendix., 85-13499  
 " request., Congressional 85-12416  
 " totals for fiscal year ... : Allocation of 85-13685  
 " „users manual., Automated data systems manu 85-12240  
 budgetary status of the Federal Reserve System., T 85-13945  
 budworm populations : September 13-15, 1983, Holid 85-11938  
 budworms situation in North America, 1982., Spruce 85-11856  
 Building materials :trade list. 85-12119  
 " R-value measurement /, Toward in-situ 85-12322  
 " „1934-1984 /, The fiftieth anniversary of 85-12985  
 buildings and equipment., School administration, 85-12548  
 " „other than single-family houses, indust 85-12046  
 Bumper tests of a 1979 Ford LTD retrofitted with R 85-13633  
 buncher production studies /, Drive-to-tree, rubbe 85-11944  
 buoys in the Weddell Sea /, Sea ice data 85-12323  
 Burlington, VT /, Proceedings :new and improved te 85-11938  
 burner rig life, Deposition stress effects on ther 85-13056  
 burners :fourth annual report /, Development of cr 85-12514  
 burning appliance /, Study of the effectiveness of 85-12504  
 " heating stoves, Coal and wood 85-13696  
 Burro Act, Administration of the Wild Free-Roaming 85-12733  
 " „Report to Congress, administration of 85-12733  
 Bus Regulatory Reform Act of 1982 : Oversight of 85-13794  
 Busan Hang (Tongae Hae to Pusan Hang), including Ts 85-12214  
 bushings, Evaluation of two polyimides and of an i 85-13076  
 Business. 85-13481  
 " aircraft, Study of effects of fuel proper 85-13388  
 " and courtesy reply mail., Preparing 85-13478  
 " answer desk directory., The small 85-13537  
 " :could you use a multibillion dollar cust 85-13649

## Title Keyword Index

- " financing : Current trends in the financ 85-13929  
 " of the United States Senate :Articles of 85-13659  
 " tax workshop :workbook., Small 85-13579  
 " :the sixth National Conference for State 85-13541  
 " „San Diego, California, December 5-7, 198 85-13540  
 businesses., SBA antitrust for small 85-13538  
 butadiene, ethylene and other major primary olefin 85-12974  
 Butte 1"x 2"quadrangle, Mo 85-12825  
 butyl ether and isooctyl esters of 2,4-dichlorophe 85-12486  
 BWR Full Integral Simulation Test (FIST) program f 85-13718  
 Byron Station, Unit no. 1, docket no. STN 50-454 : 85-13716  
 byte organized computer memory systems :final repo 85-13359

## C

- C, <sup>3</sup>He neutron spectrometer /, Neutron 85-13730  
 C-band scatterometers, A user's manual for the NAS 85-13232  
 C (Hawaii) /, Omega propagation correction tables 85-12155  
 C-2A aircraft :qualification section 5, electrical 85-12348  
 " aircraft :qualification section 6, utility, e 85-12349  
 Cabezon WSA, Empedrado WSA, Ignacio Chavez WSA, 85-12968  
 La 85-12968  
 Cabintaxi/Cabinlift system /, Development/deployme 85-13626  
 cable-stiffened space structures, Finite element t 85-13300  
 Cabo de San Antonio /, Mediterranean Sea, Spain-so 85-12187  
 " de Sao Tome to Rio de Janeiro /, Brazil-East 85-12169  
 Cabo Orange to Ilha de Maraca /, Brazil-north coas 85-12170  
 Cabo Penas /, North and west coasts of Spain, Cabo 85-12173  
 Cabo Silleiro to Cabo Penas /, North and west coas 85-12173  
 Cabo Velas to Punta Mala /, Central America, Pacif 85-12162  
 CAD/CAM information, Management of 85-13124  
 Cadale (Italia) to Baraawe /, Africa-east coast, So 85-12195  
 calculating the performance of dish-type solar the 85-13323  
 calculations for the outer channel in a concatenat 85-13278  
 " using a modified version of CSQII :ex 85-13733  
 " „Climb-dash real-time 85-13214  
 calibration and data interpretation, Aerosol backs 85-13326  
 " fixture, Hewlett-Packard model 11715A. 85-12278  
 " of the thematic mapper and multispectr 85-13383  
 " of the thematic mapper and multispectr 85-13437  
 " of the thematic mapper, In-flight abso 85-13382  
 " procedure for automatic phase locking 85-12277  
 " procedure for automotive generator and 85-12276  
 " procedure for calibration fixture, Hew 85-12278  
 " procedure for electrical test stand, U 85-12295  
 " procedure for electronic voltmeters AN 85-12283  
 " procedure for hygograph and thermogra 85-12285  
 " procedure for multimeter ME-297/U. 85-12282  
 " procedure for oscilloscope; AN/USM-184 85-12279  
 " procedure for oscilloscopes AN/USM-140 85-12280  
 " procedure for peak power calibrator, H 85-12287  
 " procedure for signal generator, AN/URM 85-12288  
 " procedure for standard capacitors fixe 85-12281  
 " procedure for telephone test set TA-88 85-12284  
 " procedure for weights (mass) (general) 85-12286  
 " set AN/GSM-259 (NSN 4931-01-019-1829). 85-12261  
 " set, secondary transfer standards (aug 85-12268  
 calibrator, Hewlett-Packard, model 8900B., Calibra 85-12287  
 California /, Maps showing distribution of dissolv 85-12758  
 " „Maps showing distribution of dissolv 85-12761  
 " desert for geology-energy-mineral resou 85-12966  
 " oaks :identification and postfire manag 85-11940  
 " :phase 2-effects of pumping on water le 85-12738  
 " „A waterfowl habitat preservation prog 85-12955  
 " „and for Other Purposes., An Act to Pro 85-12601  
 " „December 5-7, 1984, Office of Advocacy 85-13540  
 " „Geologic map of the outcrop area of th 85-12814

- " , Hawaii, Oregon, Washington), 1982 cen 85-12022  
 " , Ideas in action—the states and small 85-13541  
 " , July 23, 1982 /, Aircraft accident rep 85-13588  
 " , Preliminary map of limonitic hydrother 85-12816  
 " , Satellite-Derived Sea Surface Temperat 85-13328  
 " , September 1-2, 1983, Proceedings of t 85-13747  
 " , Water resources appraisal for hydroel 85-12417  
 California Desert Conservation Area plan of 1980 : 85-12964  
 Callaway Plant, Unit no. 1, docket no. STN 50-483 85-13708  
 " , Unit no. 1 :docket no. STN 50-483 85-13713  
 Calvert City, Kentucky, Floods on Tennessee River 85-13762  
 Calvert Cliffs, unit 1 nuclear power plant /, Inte 85-13729  
 camera and proximity sensor with microcomputer con 85-13058  
 " , High resolution bone mineral densitometry 85-13086  
 Cameron, Hidalgo, Starr, and Willacy Counties, Tex 85-12953  
 Cameroons :an export market profile / 85-11981  
 Campground information :Wallowa-Whitman National F 85-11881  
 " information :Wayne-Hoosier National For 85-11882  
 Canada, Mineral industry of 85-12917  
 " , Preprint from the ... Bureau of Mines Min 85-12917  
 Canadian trade on U.S. Livestock producers ; Revi 85-13768  
 Canal Zone., An Act to Amend the Panama Canal Act 85-12624  
 cancer /, Selected abstracts on diagnosis and trea 85-12669  
 " : user's guide., Help yourself tips for te 85-12663  
 " liability ; Radiation 85-13906  
 " recurs meeting the challenge again., When 85-12662  
 candidate course guide., Warrant Officer 85-12334  
 " sampling and analysis methods for 21 sus 85-12509  
 " Stirling engine alloys after long-term a 85-13061  
 candles; and smokers' articles : TSUS items 751.05 85-12980  
 canes; matches, pyrotechnics and candles; and smok 85-12980  
 canker., Oak sprout 85-11952  
 Canonical solutions for unsteady flow fields 85-13096  
 canvas and glass shop, shelter mounted (NSN 4940-0 85-12267  
 cap topside sounder Z mode observations, Field-ali 85-13118  
 Cap Prehel /, United Kingdom-France, English Chann 85-12174  
 Cap Gris-Nez /, United Kingdom-France, English Cha 85-12175  
 " to Hook Van Holland /, English Channe 85-12176  
 capabilities of the 12-centimeter xenon ion thrust 85-13059  
 capability, Development of dynamic simulation of T 85-13053  
 capacitors fixed and variable (general), Calibrat 85-12281  
 capacity wells basin and range province, Oregon /, 85-12777  
 Cape Egmont to Manukau Harbour /, New Zealand, Nor 85-12208  
 Cape Henry /, North America-East Coast-Cape Race t 85-12161  
 Cape Maria Van Diemen to Tutukaka Harbor including 85-12206  
 Cape Stewart /, Australia-north coast, Port Essing 85-12204  
 Cape Tirose to Punta Caronia /, Mediterranean Sea, 85-12189  
 capsizing and sinking in the Atlantic Ocean on 12 85-13623  
 carbon dioxide bands near 2.2 um, Analysis of 85-13275  
 " , oxygen and their interaction with intrinsi 85-13342  
 carcinogenic activity /, Survey of compounds which 85-12660  
 " activity /, Survey of compounds which 85-12661  
 carcinogens in combustion emissions /, Candidate s 85-12509  
 Cardiomegalia congestiva. 85-12654  
 cardiomyopathy /, Congestive 85-12653  
 care about., The Army Reserve helps you and the pe 85-12303  
 " amendments of 1984 ;, Veterans' Administratio 85-13938  
 " and preservation : HAWK Air Defense Guided 85-12264  
 " Mi 85-13889  
 " cost recovery ;, Medical 85-13806  
 " costs and their effects on the economy ;, Hea 85-13897  
 " facilities ;, Federal assistance to states to 85-12370  
 " instructions., Self aid/buddy 85-13751  
 " units (ICUs) clinical outcomes, costs, and d 85-13628  
 " , Computerized algorithms for evaluating preh 85-13095  
 CARE III model overview and user's guide 85-12459  
 career development /, Career after college :per 85-13476  
 " goals = EEO : el compromiso del Servicio Po 85-12363  
 " opportunity for you., The Co-operative educ 85-12364  
 " opportunity for you., The (Pre) co-operative 85-12998  
 " , Border patrol agent as a 85-12458  
 Career after college :establishing the validity 85-12459  
 " after college :perspectives on lifelong 85-12458  
 " and professional performance : final rep 85-12552  
 careers with the Legal Division., Attorney 85-12646  
 cares enough :Public Health Service nurses., Who 85-11989  
 Cargo preference and U.S. wheat exports / 85-13637  
 " terminals., All about radioactive materials 85-12995  
 carnival fraud /, Raising the stakes in 85-11943  
 Carolinas, Georgia, and north Florida /, Stand str 85-12951  
 Carrara glass., The preservation of historic pigm 85-11878  
 carried out under Public Law 480, Annual report on 85-13609  
 carrier operations inspector's handbook :part 135. 85-13603  
 carriers of property /, Accidents of motor 85-12576  
 Carry Out the Natural Gas Pipeline Safety Act of 1 85-12187  
 Cartagena to Cabo de San Antonio /, Mediterranean 85-12557  
 Cartographic and Architectural Branch. 85-13021  
 Cartoons and comic strips. 85-13244  
 cascade blades, The boundary layer on compressor 85-13450  
 Cascade Range, The upper mantle beneath the 85-13168  
 case in the NSW Hydroballistics Facility, Pretest 85-12471  
 " studies of Chapter 2 in selected states /, Ka 85-13587  
 " study of Washington, D.C. /, Taxi regulation 85-13623  
 casualty report :SS Marine Electric, O.N. 245675, 85-12143  
 Catalog / 85-13022  
 " /, Popular names of U.S. Government report 85-12267  
 " covering content of :sets, kits, and outfi 85-12268  
 " covering content of sets, kits, and outfit 85-12134  
 " of audiovisual productions :DoD production 85-13539  
 " of completed research studies. 85-13503  
 " of Federal domestic assistance., Update to 85-13557  
 " of federal tax forms, form letters, and no 85-12096  
 " of government patents / 85-12143  
 " , Academic 85-13486  
 " , NISC course 85-13648  
 " , Supply 85-13645  
 catalogue., ITC resources 85-11953  
 Catalyst for change :the Extension Service /, A 85-12504  
 catalytic combustion device on a wood burning appl 85-13711  
 Catawba Nuclear Station, Units 1 and 2 :docket nos 85-13205  
 cathode materials for use in sodium batteries, Dev 85-11908  
 cattle forage selection on Louisiana pine-hardwood 85-12688  
 cause of death for ICD-9 1981 data., Public use da 85-13519  
 " of human rights :December 10, 1984 /, Rededi 85-13192  
 cavity drag in steady and unsteady flows, Embedded 85-13320  
 " receivers, Second-law efficiency of solar-t 85-13946  
 CBO :about writing and word usage., A style guide 85-13947  
 CBO Library /, Periodicals received by the  
 CCRS proposal for evaluating LANDSAT-4 MSS and 85-13422  
 TM 85-13082  
 cell array in a plasma, Characteristics of arc cur 85-13336  
 " encapsulants, Investigation of test methods, 85-13341  
 " encapsulants, Investigation of test methods, 85-13348  
 " metallization processing, Laser-assisted sola 85-13349  
 " metallization processing, Laser-assisted sola 85-13394  
 " stack technology development, Full scale phos 85-12984  
 Cell-site transceivers and subassemblies thereof f 85-12492  
 cells /, Comparison of leachate characteristics fr 85-13160  
 " for electric utility power generation, Evalu 85-13345  
 " , Development of an all-metal thick film cost 85-13346  
 " , Surface and allied studies in silicon solar 85-13598  
 cement concrete pavement /, Construction of a recy 85-12508  
 " kiln for NOx reduction /, Combustion modifi 85-13937  
 cemetery in the state of Arizona ;, The need for a 85-12046  
 census of construction industries. Industry series 85-12020  
 " of manufactures. Preliminary report. Geogra 85-12021  
 " of manufactures. Preliminary report. Geogra

- of manufactures. Preliminary report. Geogra 85-12022  
 of manufactures. Preliminary report. Indust 85-12023  
 of manufactures. Preliminary report. Indust 85-12024  
 of manufactures. Preliminary report. Indust 85-12025  
 of manufactures. Preliminary report. Indust 85-12026  
 of manufactures. Preliminary report. Indust 85-12027  
 of manufactures. Preliminary report. Indust 85-12028  
 of manufactures. Preliminary report. Indust 85-12029  
 of manufactures. Preliminary report. Indust 85-12030  
 of manufactures. Preliminary report. Indust 85-12031  
 of manufactures. Preliminary report. Indust 85-12032  
 of manufactures. Preliminary report. Indust 85-12033  
 of manufactures. Preliminary report. Indust 85-12034  
 of retail trade. Geographic area series. Oh 85-12048  
 of retail trade. Major retail centers in st 85-12051  
 of retail trade. Major retail centers in st 85-12052  
 of retail trade. Preliminary report. Indust 85-12049  
 of retail trade. Preliminary report. Indust 85-12050  
 of service industries. Geographic area seri 85-12075  
 of service industries. Geographic area seri 85-12076  
 of service industries. Geographic area seri 85-12077  
 of service industries. Geographic area seri 85-12078  
 of service industries. Geographic area seri 85-12079  
 of service industries. Geographic area seri 85-12080  
 of service industries. Geographic area seri 85-12081  
 of service industries. Geographic area seri 85-12082  
 of service industries. Geographic area seri 85-12083  
 of service industries. Geographic area seri 85-12084  
 of wholesale trade. Geographic area series. To 85-12059  
 of wholesale trade. Geographic area series. 85-12053  
 of wholesale trade. Geographic area series. 85-12054  
 of wholesale trade. Geographic area series. 85-12055  
 of wholesale trade. Geographic area series. 85-12056  
 of wholesale trade. Geographic area series. 85-12057  
 of wholesale trade. Geographic area series. 85-12058  
 of wholesale trade. Geographic area series. 85-12060  
 of wholesale trade. Geographic area series. 85-12061  
 of wholesale trade. Geographic area series. 85-12062  
 of wholesale trade. Geographic area series. 85-12063  
 of wholesale trade. Geographic area series. 85-12064  
 of wholesale trade. Geographic area series. 85-12065  
 of wholesale trade. Geographic area series. 85-12066  
 of wholesale trade. Geographic area series. 85-12067  
 of wholesale trade. Geographic area series. 85-12068  
 of wholesale trade. Geographic area series. 85-12069  
 of wholesale trade. Geographic area series. 85-12070  
 of wholesale trade. Geographic area series. 85-12071  
 of wholesale trade. Geographic area series. 85-12072  
 of wholesale trade. Geographic area series. 85-12073  
 of wholesale trade. Geographic area series. 85-12074  
 of wholesale trade. Geographic area series. 85-12017  
 Census Bureau : your introduction to ... mines, Am 85-12338  
 centennial history of the U.S. Naval War College / 85-13039  
 center director's discretionary fund, Pattern reco 85-13079  
 distances and/or addendums, Lubricant jet f 85-12684  
 for Drugs and Biologics Medical Library. 85-12677  
 for Population Research, National Institute 85-13933  
 representatives : S. 2489, the Small Busin 85-13094  
 /surround response functions in cybernetic v 85-12697  
 Centers for Disease Control, Atlanta, Georgia, Ma 85-12605  
 for Research and Demonstrations Concerning 85-12051  
 in standard metropolitan statistical areas 85-12052  
 in standard metropolitan statistical areas 85-12911  
 central African countries, Preprint from the ... 85-12911  
 African countries, Mineral industry of oth 85-11906  
 Arizona /, Pocket gopher food habits on tw 85-13770  
 kitchens from federal inspection requireme 85-11877  
 North Carolina., Improved food distributio 85-12160  
 Pacific /, Loran-C secondary phase correct 85-12157  
 Pacific, station G (Australia) /, Omega pr 85-11930  
 region by county., Pulpwood production in 85-12818  
 Sumter County, Florida, May 1983, Potentio 85-13856  
 Central America : The role of the U.S. Southern C 85-13676  
 policy., Joint session of Congress 85-12162  
 , Pacific Coast, Cabo Velas to Punt 85-11896  
 cercocarpus in Nevada /, Volume and biomass for cu 85-12344  
 ceremonies., Curriculum for Naval Junior Reserve O 85-12624  
 Certain Employees of the Department of Defense Ser 85-12629  
 Certain Federal-Aid ..., An Act to Eliminate Rest 85-12626  
 Certain Funds Awarded the Wyandotte Tribe of Oklah 85-12579  
 Certain Repayment and Water Service Contract for t 85-12625  
 Certain Small Business Provisions Contained in Sta 85-12610  
 Certain Specified Consideration, to the Sabine Riv 85-12598  
 Certan Bankruptcy Judges, and for Other Purposes., 85-12612  
 Certificate of Competency at the Time of Death Sha 85-13703  
 certificates of compliance for radioactive materia 85-12422  
 CFDA number 84.017., Application for grants under 85-13224  
 CF<sub>2</sub>Cl<sub>2</sub>, The Infrared spect 85-12258  
 CFM, 100 psi, Ingersoll-Rand, Direct support and g 85-11889  
 CFR 211.18), A Guide to the Forest Service Appeal 85-12558  
 . 4, Accounts 85-12559  
 . 7, Agriculture 85-12560  
 . 10, Energy 85-12561  
 . 14, Aeronautics and space 85-12562  
 . 14, Aeronautics and space 85-12563  
 . 16, Commercial practices 85-12564  
 . 43, Public lands, interior 85-12565  
 . 45, Public welfare 85-12566  
 . 46, Shipping 85-12567  
 . 47, Telecommunications 85-12568  
 . 48, Federal acquisition regulations system 85-12569  
 . 49, Transportation 85-12570  
 . 49, Transportation 85-12571  
 . 50, Wildlife and fisheries 85-12572  
 . 50, Wildlife and fisheries 85-13695  
 CFTC annual report 85-11901  
 chain saw costs less than herbicides /, Releasing 85-12534  
 Chairman, Subcommittee on Human Resources, Committ 85-12662  
 challenge again., When cancer recurs :meeting the 85-13492  
 for the 1980's : a report to the Preside 85-12906  
 , change, and achievement :the Department 85-12235  
 , Passport to a 85-11899  
 change in Pennsylvania timber stands /, Rate of va 85-13071  
 mechanism incorporating a hybrid traction d 85-11953  
 :the Extension Service /, A Catalyst for 85-12986  
 , and achievement :the Department of Justice 85-13233  
 , Global 85-11985  
 changes :a comparison /, Models for evaluating eco 85-13660  
 are most needed in the procedures used in 85-13084  
 from lightning, Correlated measurements of 85-11993  
 in component contributions for six develop 85-13742  
 in control rooms /, Identification and ass 85-11987  
 in world food supply and demand :implicati 85-12535  
 :report to the Congress /, Community servi 85-13722  
 channel /, PLUGM, a coupled thermal-hydraulic comp 85-13209  
 flow, Transition to turbulence in plane 85-13278  
 in a concatenated coding system, Cut-off r 85-13332  
 simulator, Land mobile satellite service ( 85-13119  
 channels, Tortuosity of lightning return stroke 85-12471  
 Chapter 2 in selected states /, Kaleidoscopes :eme 85-12492  
 characteristics from selected municipal solid wast 85-13430  
 in the transition region of liquid 85-13082  
 of arc currents on a negatively bi 85-13099  
 of epoxies, An investigation of ch 85-13093  
 of four tube-bundle heat exchanger 85-13386  
 of LANDSAT-D imaging system, Evalu 85-11903  
 of logging residue in Montana /, E 85-12739  
 of Nebraska soils /, Hydrologic

- " of persons in engineering, 1978 / 85-12044  
 " of swirling flowfields, Turbulence 85-13426  
 " of the hoop column antenna for the 85-13144  
 " of the housing inventory, Annual 85-12045  
 " of the housing inventory, Current 85-12045  
 " of the housing inventory, Financia 85-12045  
 " of two NASA supercritical airfoils 85-13033  
 " of wings having vortex flow using 85-13272  
 " using acoustic intensity technique 85-13216  
**Characterization** of Crystals for Solar Cells (July 85-13334  
 " of nuclear reactor containment pe 85-13735  
 " of physio-chemical properties of 85-13438  
 " of structural adhesives, Nonlinea 85-13193  
 " of the low-level radioactive waste 85-13736  
**charged** particles in radiotherapy / Selected abst 85-12668  
 " to DOD contracts : hearing before a subcom 85-13874  
**charger** in electric vehicles, Performance of the L 85-13315  
**Charitable** contributions and ministers' and milita 85-13844  
**Charpy** toughness and tensile properties of a neutr 85-13739  
**charts** /, Descriptive statistics :tables, graphs, 85-12696  
**checklist** for emergency and major-disaster declara 85-12527  
**chemical** crudes : TSUS items 401.06-401.10, 401.18 85-12973  
 " industry to become involved in space expe 85-13270  
 " pretreatment on the tribological properti 85-13047  
 " releases by the STS-3 orbiter on the ions 85-13171  
 " type in ground water, basin and range pro 85-12752  
 " type in ground water, basin and range pro 85-12758  
 " type in ground water, basin and range pro 85-12761  
 " type in ground water, basin and range pro 85-12766  
 " type in ground water, basin and range pro 85-12771  
 " type in ground water, basin and range pro 85-12779  
 " type in ground water, basin and range pro 85-12783  
 " type in ground water basin and range prov 85-12786  
**chemically** reacting turbulent mixing layers, Direc 85-13391  
**chemically-induced** improvement in saturation moist 85-13099  
**chemicals** /, Current industrial reports. MA-28A, I 85-12038  
 " : TSUS items 401.02, 401.04, 401.12-401. 85-12972  
 " technology, and related bioregulation re 85-11965  
 " :what they are, how they affect you., To 85-12482  
 " , Inorganic 85-12038  
**chemistry** /, Comparison of numerical techniques fo 85-13467  
 " of Spanish moss /, Factor analysis of th 85-12743  
 " on hot corrosion life, Effects of surfac 85-13398  
**cherry** site index curves for the Allegheny Plateau 85-11900  
**chest** pain data from patients /, An Evaluation of 85-12343  
**Chiao** /, South China Sea, Yongshu Jiao to P'o-lang 85-12212  
**Chichagof-Yakobi Islands Wilderness** study area, so 85-12795  
 " study area, so 85-12796  
 " study area, so 85-12797  
 " study area, so 85-12798  
 " study area, so 85-12799  
 " study area, so 85-12800  
 " study area, so 85-12801  
 " study area, so 85-12802  
 " study area, so 85-12803  
 " study area, so 85-12804  
**Chief Justice** of the United States transmitting am 85-13677  
**child** care facilities : Federal assistance to sta 85-13897  
 " growth and development and disease patterns 85-12680  
 " health (Title V) programs /, Developing chil 85-12716  
 " sexual abuse victims in the courts : 85-13898  
**Child Health** and Human Development, Progress repo 85-12677  
**childhood** injury prevention programs :an administ 85-12716  
**children** :a film study /, Nonverbal factors in the 85-12470  
 " and their teachers :final report /, Nonve 85-12463  
 " in child care facilities : Federal assis 85-13897  
 " of Veterans, to Increase the Rates of Sub 85-12602  
 " :resources and services., Parents guide t 85-13023  
 " 's outerwear, N.E.C. (industry 2369), 198 85-12027
- Chile**, Bahia de Valparaiso to Golfo de Arauco / 85-12164  
 " , Mineral industry of 85-12918  
 " , Preprint from the ... Bureau of Mines Mine 85-12918  
**China** : Controls on exports to the People's Repub 85-13850  
 " :communication from the speaker transmitting 85-13678  
 " :determination of the Commission in investig 85-12983  
 " , Management and organizational technologies 85-11954  
 " , Mineral industry of 85-12919  
 " , Preprint from the ... Bureau of Mines Mine 85-12919  
 " 's trade with other Pacific rim nations : 85-13824  
**Chinese** immigrant students :final research report 85-12445  
 " rural youth programs :a scientific exchange 85-11954  
**Chinese American** children :a film study /, Nonverb 85-12470  
**chinquapin** , 'Golden' 85-11859  
**Chippewa River Valleys**, western Minnesota /, Appra 85-12789  
**chloride** from the People's Republic of China :dete 85-12983  
**chromium** in bedrock samples, western Chichagof-Yak 85-12800  
**Chronobiology** and the digestive system :proceeding 85-12649  
**Circle Cliffs** combined hydrocarbon lease conversio 85-12727  
**circuits** for basic electricity and electronics A-1 85-12336  
 " for basic electricity and electronics A-1 85-12337  
 " , Study manual phase II, electricity, ele 85-12340  
**Circular A-76** : Implementation of 85-13913  
**citizen** concerns and recommendations for American 85-11848  
**Citizen Regent** of the Smithsonian Institution., Jo 85-12600  
**Citrus** fruits. Revised estimates, by states. 85-11851  
**civil** agencies throughout the world as of ..., Det 85-12554  
 " aircraft industry and forest products indust 85-13943  
**Civil Rights Act** of 1984 : 85-13900  
**Civil Service** Retirees, and for Other Purposes., A 85-12634  
**civilian** , Earn Army pay and benefits as a 85-12306  
**Civitavecchia** to Isola di Ponza /, Mediterranean S 85-12188  
**cladding** overlay /, Charpy toughness and tensile p 85-13739  
**claim** disputes., State laws and regulations govern 85-13597  
**claims** and claim disputes., State laws and regulat 85-13597  
 " at the Boston District Office of Workers' C 85-13868  
 " disputes., Highlights from the Issues and p 85-13005  
**class** command and control qualification section 4, 85-12351  
 " engineering qualification section 9, auxilia 85-12354  
 " of Markov reliability models, An approximati 85-13196  
 " II injection wells /, Methods for determinin 85-12491  
**classification** /, Classification of the California 85-12966  
 " of the California desert for geolog 85-12966  
**classroom** /, A guide to culture in the 85-12444  
**clause** 1(d) of rule XI of the rules of the House o 85-13691  
**Clay** construction products 85-12036  
 " construction products /, Current industrial r 85-12036  
 " site /, Growth, thinning treatments, and soil 85-11927  
 " soil /, Ten-year growth of five planted hardw 85-11928  
**Clay County** , Flood insurance study :city of Liber 85-12529  
**cleared** for public release., Catalog of audiovisua 85-12134  
**Clemente Ruiz Nazario United States Courthouse**., 85-12619  
**Cleveland**, Ohio, metropolitan area 85-13013  
 " , Ohio, metropolitan area /, Area wage su 85-13013  
 " , Ohio, November 2-3, 1983., Assessment o 85-13456  
**Climate** impact assessment. Foreign countries ... a 85-12103  
 " impact assessment. Foreign countries ... a 85-12104  
 " of Priest River Experimental Forest, north 85-11936  
 " , Land-surface influences on weather and 85-13271  
**Climb-dash** real-time calculations 85-13214  
**clinical** outcomes, costs, and decisionmaking /, In 85-13751  
**clinics**., Family planning grantees, delegates & 85-12687  
 " , Nationally scheduled Federal Aviation Ad 85-13611  
**closely** related species (Amphibia: Anura, Leptodac 85-13547  
**closure**, Three-dimensional measurements of fatigue 85-13286  
**clothing**, N.E.C. (industry 2329), 1982 census of 85-12026  
**Cloud** cover typing from environmental satellite im 85-13316  
**Co-operative** education program :a career opportuni 85-12363

## Co-operative

- education program : a career opportunity 85-12364
- Coal and wood burning heating stoves. 85-13696
- burners : fourth annual report /, Development 85-12514
- fields, south-central Utah, Hydrologic recon 85-12826
- gasification project /, Great Plains 85-13866
- mine spoils /, Viability of seed produced on 85-11914
- mined area in Randolph County, Illinois /, Hy 85-12793
- properties with environmental control technol 85-12507
- sections of the Pine Ridge quadrangle, Moffat 85-12817
- supply contracts for new electric generating 85-12419
- technology /, Enhanced 85-13823
- Coal-seismic, desktop computer programs in BASIC 85-12836
- coast /, Indian Ocean, Australia-West Coast, Weste 85-12205
- and Kyushu north coast, Kammon Kaikyo to Hir 85-12219
- and Nojima Zaki to Omae Zaki, Japan, Honshu 85-12218
- with offlying islands, Singapore Strait to S 85-12203
- , Bay of Bengal, Palar River to Penner River 85-12200
- , Belmonte to Rio de Janeiro /, Brazil-east 85-12166
- , Brandsjord to Leka /, Norway-west 85-12183
- , Brindisi to Promontorio Del Gargano /, Medi 85-12191
- , Cabo de Sao Tome to Rio de Janeiro /, Brazi 85-12169
- , Cabo Orange to Ilha de Maraca /, Brazil-nor 85-12170
- , Capo Tirone to Punta Caronia /, Mediterrane 85-12189
- , Cartagena to Cabo de San Antonio /, Mediter 85-12187
- , Civitavecchia to Isole di Ponza /, Mediter 85-12188
- , Donae Hae to Busan Hang (Tonae Hae to Pusan 85-12214
- , Golfo de Uruba to Puerto Cabello /, South A 85-12168
- , Gotland /, Baltic Sea, Sweden-east 85-12185
- , Horn to Raudinupur /, Iceland-north 85-12181
- , Kammon Kaikyo to Hirado Seto, Japan, Honsh 85-12219
- , Kap Gustav Holm sheet /, Denmark Strait, Gr 85-12179
- , Kenya-Tanzania, Dar es Salaam to Mombasa Ha 85-12194
- , Lemon Bugt to Storo /, Denmark Strait, Gree 85-12178
- , Marine recreational fishery statistics sur 85-12106
- , Marine recreational fishery statistics sur 85-12107
- , Montrose to Berwick /, Scotland-east 85-12172
- , Nicaragua-Costa Rica, Corinto to Punta Guio 85-12163
- , Nordra StrOmford to Egedesminde /, Greenla 85-12180
- , Noto Hanto and approaches, Japan, Honshu-n 85-12215
- , Port Essington to Cape Stewart /, Australia 85-12204
- , Recife to Belmonte /, Brazil-east 85-12167
- , Selat Bangka and Selat Gelasa /, Indonesia, 85-12202
- , Serpents Mouth to Rio Orinoco, including ap 85-12171
- , Shioya Zaki to Ishinomaki Wan, Japan, Hons 85-12217
- , Somalia, Cadale (Italia) to Baraawe /, Afric 85-12195
- , Tarapur to Bankot /, India, west 85-12199
- , Tottori Ko to Mikuni Ko, Japan, Honshu-nor 85-12216
- Coast Guard Authorization Act of 1984. 85-12607
- Coast Guard Marine Board of Investigation report a 85-13623
- coastal plain of North Carolina, 1984 /, Forest st 85-11933
- plain of the Carolinas, Georgia, and north 85-11943
- studies, Evaluation of spatial, radiometri 85-13242
- studies, Evaluation of spatial, radiometri 85-13420
- coasts of Spain, Cabo Silleiro to Cabo Penas /, No 85-12173
- , Manukau Harbor to Maunganui Bluff and Tutu 85-12207
- coating burner rig life, Deposition stress effects 85-13056
- systems, Program for development of strain 85-13237
- , and related items : TSUS items 408.12, 40 85-12976
- coatings, Modeling degradation and failure of Ni-C 85-13057
- cobalt in bedrock samples, western Chichagof-Yakob 85-12798
- cobertura de nuvens em dados do LANDSAT no per- 85-13384
- iodo 85-12339
- cockpit procedures trainer /, Training effectiveness 85-13840
- code /, Increasing productivity and administrabili 85-13149
- for transition prediction in three-dimensiona 85-13257
- in a TDRSS decoder, Performance analysis of t 85-13016
- of Federal Regulations, Regulations, part 5 85-12558
- of federal regulations. 4, Accounts. 85-12558
- of federal regulations. 7, Agriculture. 85-12559

## Title Keyword Index

- of federal regulations. 10, Energy. 85-12560
- of federal regulations. 14, Aeronautics and s 85-12561
- of federal regulations. 14, Aeronautics and s 85-12562
- of Federal regulations. 16, Commercial practi 85-12563
- of Federal regulations. 43, Public lands, int 85-12564
- of federal regulations. 45, Public welfare. 85-12565
- of federal regulations. 46, Shipping. 85-12566
- of federal regulations. 47, Telecommunication 85-12567
- of federal regulations. 48, Federal acquisiti 85-12568
- of federal regulations. 49, Transportation. 85-12569
- of federal regulations. 49, Transportation. 85-12570
- of federal regulations. 50, Wildlife and fish 85-12571
- of federal regulations. 50, Wildlife and fish 85-12572
- , Amendment of Title 18 of the U.S. 85-12617
- , "An extended d(min) = 4 RS 85-13282
- , Fast decoding of a d(min) = 6 RS 85-13283
- , to Increase the Rates of Disability Compensa 85-12602
- codes for error control in byte organized computer 85-13359
- , An investigation of aerodynamic characteris 85-13272
- , "Fast decoding techniques for extended s 85-13281
- coding for an electronic mail system, The developm 85-13277
- scheme for error control", "On the undete 85-13279
- system, Cut-off rate calculations for the o 85-13278
- coefficients of four ice accretion shapes, Measure 85-13397
- coherence in free electron lasers", "Long range 85-13285
- cold /, Blood volume responses in partially dehydr 85-12341
- prone areas in Florida, Use of thermal inerti 85-13369
- Cold-air performance of compressor-drive turbine o 85-13051
- collaborative approach, first year preliminary rep 85-12467
- for Alabama Urban School Educators : 85-12469
- model to identify and implement appl 85-12466
- collect chest pain data from patients /, An Evalua 85-12343
- Collected reprints / 85-12109
- collecting soil samples and methods of analysis fo 85-11963
- Collection efficiency evaluation of mercury-trappi 85-12513
- of Tolls on the Richmond-Petersburg Tur 85-12629
- collections, Libraries and library 85-12547
- collectors and power systems, CONC/11, a computer 85-13323
- college /, Occupational aspirations and intended f 85-12443
- establishing the validity of abilities le 85-12458
- for later career and professional perfo 85-12458
- perspectives on lifelong learning and car 85-12459
- colleges" : Summary and analysis of hearing on ' 85-13919
- collision effects on radar back-scattering from th 85-13204
- of Amtrak passenger train no. 301 on Ill 85-13590
- color infrared aerial photography, 1982, Land use 85-13378
- Colorado /, Analysis of urban storm-runoff data an 85-12791
- /, Geologic map of Dinosaur National Monu 85-12888
- /, Quantity and quality of streamflow in 85-12740
- /, Water-resources appraisal of the upper 85-12749
- , Fremont County, Flood insurance study : 85-12528
- , Geologic map and coal sections of the Pi 85-12817
- , Kansas, Nebraska, New Mexico, Oklahoma, 85-12747
- , 1980 /, Demand for commercially delivere 85-11925
- , 1982 census of retail trade. Major reta 85-12051
- Colorado River basin /, 1984 evaluation of salinit 85-12902
- Colorado State University, Fort Collins /, Biology 85-11942
- coloring and learn how to prevent crime too" : th 85-12232
- book, "Have fun coloring and learn how 85-12232
- colors, inks and ink powders, and paints, coating, 85-12976
- Columbia, and for Other, An Act to Authorize the S 85-12585
- , and for Other Purposes, An Act to Autho 85-12595
- , Florida, Georgia, Maryland, North Caroli 85-12021
- Columbus, Ohio, metropolitan area 85-13015
- , Ohio, metropolitan area /, Area wage sur 85-13015
- column antenna for the land mobile satellite syste 85-13144
- Colusa Basin : Colusa & Glenn Counties, California. 85-12955
- Colville National Forest firewood map. 85-11883

- Comanche Peak Steam Electric Station, Units 1 and 85-13706
- Combat control operator (AFSC 27350) / 85-12386
- combination of quasistatic and random acceleration 85-13038
- combined hydrocarbon EIS, eastern and south-central 85-12730
- “ hydrocarbon lease conversion /, Draft env 85-12727
- “ hydrocarbon lease conversion :socioecon 85-12960
- combustion /, Control of wood stove emissions usin 85-12505
- “ characteristics in the transition regio 85-13430
- “ chemistry /, Comparison of numerical te 85-13467
- “ device on a wood burning appliance /, S 85-12504
- “ emissions /, Candidate sampling and ana 85-12509
- “ gas properties :I-ASTM jet A fuel and d 85-13465
- “ modification tests on a subscale cement 85-12508
- “ studies on metallic alloys in pressuriz 85-12089
- combustor liner /, Materials for advanced turbine 85-13399
- “ liner /, Materials for advanced turbine 85-13400
- “ using laser-induced iodine fluorescence, 85-13433
- comic strips, Cartoons and 85-13021
- command and control qualification section 4, weapo 85-12351
- “ and response language features for a netwo 85-13117
- “ assessor team manual. 85-12358
- Commandant's action., Marine casualty report :SS M 85-13623
- commander's handbook., Reserve company 85-12241
- commands, and ceremonies., Curriculum for Naval Ju 85-12344
- Commencement of terms of office of the President a 85-13893
- comments and responses., Method 16A for determinat 85-12522
- Commerce ., Maritime programs improvements of the 85-12622
- “ of the United States. Part 1, Waterways a 85-12318
- “ of the United States. Part 2, Waterways a 85-12319
- “ reports, Maritime Subsidy Board, Maritime 85-12094
- “ , Decisions of the Maritime Subsidy Board 85-12094
- “ , Justice, State, the Judiciary, and relat 85-13777
- commercial automotive equipment (Jan thru June - 1 85-12292
- “ nuclear plants :final report of subtask 85-13730
- “ practices 85-12563
- “ practices., Code of Federal regulations 85-12563
- “ practices, CFR, 16, 85-11925
- commercially delivered domestic fuelwood in Colora 85-12983
- Commission in investigation no. 731-TA-149 (final) 85-12984
- “ in investigation no. 731-TA-163 (final) 85-13247
- “ on Engineering and Technical Systems, S 85-13857
- “ on the Ukraine Famine Act : 85-12648
- commissioned officers orientation guide, 1984., Th 85-12647
- “ personnel system., A supervisor's gui 85-12091
- Commissioner of Patents and Trademarks annual repo 85-13476
- commitment towards fulfillment of career goals = E 85-12041
- commodity groupings., U.S. general imports. World 85-12042
- “ groupings by world area and country., U. 85-12042
- “ groupings by world area and country, Sch 85-12042
- “ groupings by world area and country, US 85-12041
- “ groupings, US general imports. World are 85-12041
- “ groupings, World area and country of ori 85-12906
- Common sense electrical safety :electrical hazards 85-12629
- Commonwealth of Virginia of Certain Federal-Aid .. 85-13677
- communication from the Chief Justice of the United 85-13673
- “ from the President of the United Sta 85-13674
- “ from the President of the United Sta 85-13680
- “ from the speaker transmitting a repo 85-13678
- “ performance measurements /, Sample s 85-12115
- “ related to neoplasia /, Selected abs 85-12667
- “ standards ., OSHA hearings—state sta 85-13817
- communications /, Polarization angles of linearly 85-12117
- “ between American Indian children an 85-12463
- “ link design in compliance with syst 85-12116
- “ multiplexors maintenance manual., 2 85-12372
- “ satellite receivers, Test results f 85-13054
- “ satellite trends, Determination of 85-13052
- “ systems equipment operator/speciali 85-12388
- “ systems operator (AFSC 11650) /, Ai 85-12382
- “ systems operator (AFSC 11650) /, Ai 85-12383
- “ , Adaptive arrays for satellite 85-13254
- Communications Act of 1934 to Provide a National P 85-12604
- Communicative Disorders and Stroke, September 30, 85-12679
- Community and Family Living Amendments of 1983 : 85-13842
- “ development. 85-12725
- “ development programs., Department of Hou 85-12706
- “ development programs, Annual report to C 85-12535
- “ health education resources. 85-12725
- “ services block grant : new state role br 85-12241
- company commander's handbook., Reserve 85-13321
- comparability methodology for manpower, personnel, 85-13030
- comparative analysis of 1980 and 1983 survey findi 85-11941
- “ review /, Empirical estimates of ameni 85-12362
- “ study of linear array synthesis techni 85-11985
- comparison /, Models for evaluating economic impac 85-12468
- “ of bilingual oral language and reading 85-13907
- “ of January 9, 1985 draft recodification 85-12492
- “ of leachate characteristics from select 85-12746
- “ of mineralized and unmineralized stocks 85-13467
- “ of numerical techniques for integration 85-12098
- “ of results of United States and Soviet 85-13143
- “ of the recovery of winds near upwind an 85-13102
- “ of two photogrammetric algorithms for t 85-12637
- Compendium of HHS evaluation studies. 85-12581
- Compensate Heirs of Deceased Indians for Improper 85-13263
- compensation for switching regulators, Input filte 85-12612
- Competency at the Time of Death Shall Be Exempt fr 85-13871
- competition within the federal supply schedule ., 85-13754
- “ , and public policy /, The contact lens 85-12222
- “ , Essays on strategy :selections from 85-12118
- Competitive assessment of the United States softwa 85-13943
- “ conditions in the U.S. civil aircraft 85-13812
- compilation of federal education laws ... as amend 85-13411
- “ of mineral occurrences and the relatio 85-13175
- “ , analysis, and reporting and bearing m 85-12825
- complete Bouguer gravity anomaly map of the Butte 85-13539
- completed research studies., Catalog of 85-13179
- Complex eigenvalues for the stability of couette f 85-13225
- “ SAR data, A novel algorithm for sea surfac 85-13743
- complexant-enhanced mobility of toxic elements in 85-13703
- compliance for radioactive materials packages., Di 85-13930
- “ procedures ., IRS 85-12116
- “ with systems performance standards /, O 85-11993
- component contributions for six developing countri 85-13064
- “ velocity measurements using Fabry-Perot 85-12033
- components (industry 3795), 1982 census of manufa 85-12268
- “ list :calibration set, secondary transf 85-12267
- “ list for shop equipment, canvas and gla 85-13629
- “ relating to the implementation of Feder 85-13137
- composite elevator for Boeing 727 aircraft, Advanc 85-13065
- “ flexural specimens, Dynamic stress analy 85-13288
- “ laminates with negative through-the-thic 85-13088
- “ materials, Space radiation effects on gr 85-13188
- “ materials, The mechanics of delamination 85-13066
- “ micromechanics equations for strength, f 85-13145
- “ multi-span beam shear specimens by moire 85-13252
- “ tubes, Residual stresses in cross-ply 85-13067
- composites, Progressive fracture of fiber 85-13427
- composition and growth at hypo- and hypergravity, 85-13240
- “ from multi-wavelength lidar measuremen 85-11855
- compounds authorized for use under USDA inspection 85-13250
- “ essential for the origin of life, Invest 85-12660
- “ which have been tested for carcinogenic 85-12661
- “ which have been tested for carcinogenic 85-12989
- Comprehensive Crime Control Act of 1984 and other 85-13262
- compressible flow by the finite element method, Hi

- " stability analysis code for transitio 85-13149  
 compression laboratory, Orbiting dynamic 85-13296  
 compressor blades, Abrasive tip treatment for use 85-13395  
 " cascade blades, The boundary layer on 85-13244  
 " , rotary, air, wheel mounted, pneumatic 85-12258  
 compressor-drive turbine of Department of Energy u 85-13051  
 compressors, air pumps and vacuum pumps, and air-c 85-12979  
 compromiso del Servicio Postal para cumplir los ob 85-13476  
 computation of an arbitrarily shaped main reflecto 85-13089  
 computational aerodynamics, Application of superco 85-13111  
 computer /, A comparative study of linear array sy 85-12362  
 " analysis of effects of altering jet fuel 85-13392  
 " based information system on the Extramura 85-12651  
 " generated animation and movie production 85-13202  
 " memory systems :final report, phase II, R 85-13359  
 " model for economic study of unbleached kr 85-11935  
 " model for freezing melt flow in a channel 85-13722  
 " program directory for petroleum assessmen 85-12833  
 " program, Elliptical orbit performance 85-13148  
 " program for analysis of molten-core concr 85-13738  
 " program for calculating the performance o 85-13323  
 " program for optimum dynamic design of non 85-12321  
 " program for predicting nonlinear uniaxial 85-13060  
 " program for predicting supersonic or supers 85-13136  
 " program, NEMAR plotting 85-13147  
 " programs in BASIC, Coal-seismic, desktop 85-12836  
 " system, Development INTERDATA 8/32 85-13449  
 " systems : Small Business Administration' 85-13927  
 " tape /, Atmospheric handbook :atmospheric 85-12102  
 " , Development and evaluation of a fault-to 85-13194  
 " , HP 2109B and HP 2113B installation and s 85-12371  
 Computer Applications in Science and Engineering, 85-13187  
 Computer-assisted diagnosis program for acute abdo 85-12342  
 Computerized algorithms for evaluating prehospital 85-13628  
 Computers :a selection of books for sale by the Su 85-12538  
 " , Considerations on command and response 85-13117  
 " , Investigation, development, and evaluat 85-13150  
 " , Study of the mapping of Navier-Stokes a 85-13108  
 computing approach in high-speed digital simulatio 85-13258  
 CONC/11, a computer program for calculating the pe 85-13323  
 concatenated coding scheme for error control", " 85-13279  
 " coding system, Cut-off rate calculati 85-13278  
 concept for reducing oceanic separation minima thr 85-13184  
 concepts from consideration of varied mission requ 85-13101  
 Conceptual development of a toxic screening model 85-12518  
 concerns and recommendations for American agricult 85-11848  
 concrete for improved skid resistance (constructio 85-13599  
 " interactions /, CORCON-MOD2 :a computer p 85-13738  
 " pavement /, Construction of a recycled po 85-13598  
 " tie track performance in revenue service 85-13604  
 condenser biofouling /, Feasibility of ultrasonic 85-12506  
 condition assessment, Early warning and crop 85-13418  
 conditioning system, Requirements for a transforme 85-13330  
 conditions /, Icing rate on stationary structures 85-12324  
 " applicable to Department of Defense per 85-12223  
 " in the U.S. civil aircraft industry and 85-13943  
 " on temperature and humidity in subalpin 85-11904  
 " , Pavement design for seasonal frost 85-12254  
 conduct windblown sediment experiments aboard a sp 85-13454  
 conducted at Arlington, Virginia, March 22-24, 198 85-13457  
 Conducting an initial assessment :feedback for cri 85-12705  
 " surveillance of infections :criterion t 85-12703  
 " use attainability analyses, Technical 85-12525  
 cone /, On the design of an optimal waveform to ma 85-12361  
 Confederation and the Constitution of the United S 85-13659  
 conference :a report on the first year : December 85-13518  
 " held at NASA Lewis Research Center, Cle 85-13456  
 " report on H.R. 6027 :report (to accompa 85-13684  
 " , March 12-16, 1984, Press abstracts :fi 85-13440  
 configurations using a higher order panel method, 85-13136  
 " , Numerical optimization design of a 85-13109  
 confined swirling air flow /, An experimental inve 85-13141  
 " turbulent flow, Swirl, expansion ratio an 85-13425  
 " turbulent swirling recirculating flow pre 85-13431  
 Congaree Swamp National Monument to Provide That a 85-12586  
 congestiva., Cardiomiopatia 85-12654  
 Congestive cardiomyopathy / 85-12653  
 Congress /, Annual report to 85-12007  
 " /, Community services block grant : new s 85-12535  
 " /, Implementation of the Federal Managers 85-12536  
 " /, Semiannual report to the 85-12015  
 " , Commencement of terms of office of the 85-13893  
 " , Review of arms control and disarmament 85-13782  
 " for the six month period ... /, Office of 85-12722  
 " hearings : , 98th 85-13918  
 " :message from the President of the United 85-13676  
 " of the Committee on Ways and Means, Repo 85-13686  
 " of the United States /, Examination of th 85-12533  
 " of the United States /, Report to the Pre 85-13701  
 " of the United States on the life and cont 85-13661  
 " on federal activities on alcohol abuse an 85-12714  
 " on federal alcohol-related activities., R 85-12714  
 " on Indian and Alaska native housing and c 85-12725  
 " on ocean pollution, monitoring and resear 85-12100  
 " pursuant to clause 1(d) of rule XI of the 85-13691  
 " showing their status as of the date of fi 85-13884  
 " , administration of the Wild Free-Roaming 85-12733  
 " , Economic report of the President transm 85-13496  
 " , Economic report of the President transm 85-13681  
 " , Handbook on the Comprehensive Crime Con 85-12989  
 " , Report on the activities of the Committ 85-13689  
 Congress. Indian and Alaska native housing and com 85-12725  
 Congressional budget request. 85-12416  
 " delegation trip to Southeast Asia to 85-13936  
 " serial set., United States 85-13652  
 " serial set., United States 85-13653  
 " serial set., United States 85-13654  
 " serial set., United States 85-13655  
 " serial set., United States 85-13656  
 " serial set., United States 85-13657  
 " serial set., United States 85-13658  
 " serial set, U.S. 85-13652  
 " serial set, U.S. 85-13653  
 " serial set, U.S. 85-13654  
 " serial set, U.S. 85-13655  
 " serial set, U.S. 85-13656  
 " serial set, U.S. 85-13657  
 " serial set, U.S. 85-13658  
 " serial set], [ 85-13652  
 " serial set], [ 85-13653  
 " serial set], [ 85-13654  
 " serial set], [ 85-13655  
 " serial set], [ 85-13656  
 " serial set], [ 85-13657  
 " serial set], [ 85-13658  
 Congressional Budget Act Amendments of 1984 (H.R. 85-13869  
 coniferous forests /, Documentation and preliminar 85-11905  
 Connecticut., 1982 census of wholesale trade. Geog 85-12055  
 connective heat transfer coefficients of four ice 85-13397  
 consensus?, Strength and diplomacy :toward a new 85-13523  
 Conservation and Management of Atlantic Striped Ba 85-12632  
 " and water quality practices in the So 85-11984  
 " laws, Multidimensional explicit diffe 85-13181  
 " practices in the Texas High Plains /, 85-11853  
 " projects :summary report /, Residenti 85-12724  
 consideration for development, and estimates of un 85-12837  
 " of varied mission requirements, Unco 85-13101

- considerations for a <sup>3</sup>He refrigerator 85-13112
- " for a monolithic, GaAs, dual-mode, 85-13265
- " for the total strain range version 85-13404
- " in research involving eye-movement 85-12452
- " on command and response language fe 85-13117
- " Mobility system policies, procedu 85-12142
- Consolidated listing of recent Official gazette no 85-12092
- Consortium on Trade Research :agricultural trade p 85-11994
- Constitution of the United States /, Senate manual 85-13659
- construction /, The use of fly ash in highway 85-13600
- " : title 29, part 5 of the Code of Fed 85-13016
- " appropriations for 1986 /, Military 85-13773
- " contract claims and claim disputes., 85-13597
- " grants program /, Internal control re 85-12519
- " industries. Industry series. General 85-12046
- " machinery (industry 3531), 1982 cens 85-12032
- " of a highly transportable laser rangi 85-13434
- " of a recycled portland cement concret 85-13598
- " of equipment items for geophysical fl 85-13163
- " of finite difference schemes having s 85-13311
- " products /, Current industrial report 85-12036
- " products, Clay 85-12036
- " report) /, Sprinkle treatment of bitu 85-13599
- Construction Act, 1984 /, Reauthorization of the L 85-13904
- consultants., Register of disability determination 85-12640
- Consumer fraud and the elderly : 85-13799
- " price of late model vehicle components re 85-13629
- consumption, prices, and expenditures /, Food 85-11852
- contact lens industry :structure, competition, and 85-13754
- " ratio involute spur gears, Efficiency of n 85-13081
- contactors /, Design information on rotating biolo 85-12490
- contacts for the coordination of the use of radio 85-12125
- Containerless high temperature property measuremen 85-13174
- containers for low-level wastes containing large a 85-13741
- " in the Tropics /, Growing food in 85-11969
- containing large amounts of tritium /, Alternative 85-13741
- " near sonic flows, Acoustic shocks in a 85-13191
- " the standing rules, orders, laws, and r 85-13659
- containment analysis /, CONTEMPT4/MOD5 :an im- 85-13744
- prove 85-13735
- " penetrations /, Characterization of nu 85-13744
- " system analysis program for ice contai 85-13720
- contaminant transport (DPCT) model /, Simulation o 85-13720
- " transport using the deterministic-prob 85-13872
- contamination and depletion problems in the Northw 85-13744
- CONTEMPT4/MOD4 multicompartment containment 85-13744
- system 85-13744
- CONTEMPT4/MOD5 :an improvement to CON- 85-12267
- TEMPT4/MOD4 m 85-12268
- content of sets, kits, and outfits, components li 85-13231
- " of sets, kits, and outfits components list 85-12822
- " , and vertical profiles of temperature in t 85-12823
- conterminous United States and offshore, Wells dri 85-12819
- " United States, Maps showing natural a 85-12820
- continental margins of the United States based on 85-12835
- " shelf, Tertiary volcanic and intrusive 85-13396
- contingency power study, Rotorcraft 85-12452
- contingent stimulus control /, Instrumentation con 85-12423
- Continuation application for grants under Upward B 85-13610
- continuous-flow, fuel-injection, reciprocating eng 85-13055
- contouring of a radial turbine, Application of a q 85-12689
- contraction in the United States, 1982 /, Use of 85-12135
- contract awards by state., Prime 85-12136
- " awards in labor surplus areas /, Prime 85-12137
- " awards in labor surplus areas /, Prime 85-12138
- " awards in labor surplus areas /, Prime 85-12139
- " claims and claim disputes., State laws an 85-13597
- " #NAS5-24486, Final technical report to Na 85-13415
- " noise, Uniform apparent 85-13104
- contractors, residential buildings, other than sin 85-12046
- contracts : hearing before a subcommittee of the C 85-13874
- " covering federally financed and assisted 85-13016
- " for new electric generating units :1983- 85-12419
- " of the Department of Defense, before the 85-13784
- " or Cooperative Agreements with the Art B 85-12585
- contribution to the U.N. decade for women /, U.S. 85-13848
- contributions and ministers' and military housing 85-13844
- " for six developing countries /, Crop 85-11993
- " of Milton R. Young, Ninety-eighth Co 85-13661
- control /, Corrosion 85-12407
- " /, Instrumentation considerations in resea 85-12452
- " and disarmament activities, 98th Congress 85-13782
- " asbestos hazards /, Federal efforts to 85-13831
- " course., Internal 85-12130
- " for establishing intensively cultured hybr 85-11918
- " gearing using simulation and a visual disp 85-13085
- " in byte organized computer memory systems 85-13359
- " in utility interactive dispersed storage a 85-13318
- " negotiations : January 14, 1984., Geneva a 85-13522
- " nurses, March 4-15, 1985, Centers for Dise 85-12697
- " of flexible structures with noncolocated s 85-13423
- " of large flexible space structures, Reliab 85-13417
- " of large flexible space structures-VI, The 85-13363
- " of wood stove emissions using improved sec 85-12505
- " on Sharkey clay soil /, Ten-year growth of 85-11928
- " operator (AFSC 27350) /, Combat 85-12386
- " programs in the Colorado River basin /, 19 85-12902
- " qualification section 4, weapons control., 85-12351
- " radar controller :soldier's manual : skill 85-12270
- " repairer, MOS 68J :skill levels 1/2 : sold 85-12271
- " review report on the municipal wastewater 85-12519
- " room crews /, Task analysis of nuclear pow 85-13725
- " rooms /, Identification and assessment of 85-13742
- " specialist trainees :I., age, biographic f 85-13618
- " synthesis applied to a control-configured 85-13162
- " system /, Status of air traffic 85-13798
- " system for the Pushbroom Microwave Radiome 85-13098
- " system (GFCs), Personnel qualification st 85-12352
- " system (GFCs), Personnel qualification st 85-12355
- " system, Modular design attitude 85-13432
- " systems technician (F-4C/D: APQ-109/APA-16 85-12389
- " systems via spectral assignment using redu 85-13241
- " technician B 3 & 2., Fire 85-12347
- " technology needs for sulfur and trace elem 85-12507
- " , Air traffic 85-13606
- " , Annual report for the year ... Select Co 85-13692
- " , In-situ measurements of alloy oxidation/c 85-13058
- " , "On the undetected error probability o 85-13279
- " , Personnel qualification standard for FF- 85-12351
- control-configured aircraft, Optimal cooperative c 85-13162
- controlled flow tunnel for a high lift model, A nu 85-13152
- controller :soldier's manual : skill level 1, MOS 85-12270
- controls (IAAC) technology to an advanced subsonic 85-13138
- " on exports to the People's Republic of Ch 85-13850
- " , TH-55., Programmed text :flight 85-12312
- conversion /, Draft environmental impact statement 85-12727
- " and utilization technologies program, E 85-13235
- " and utilization technologies program, E 85-13338
- " for a rural state :final report of Main 85-12721
- " on water runoff and soil erosion., Effe 85-11967
- " performance and structural dynamic load 85-13062
- " socioeconomic technical report /, Sunn 85-12960
- " subsystem for paraboloidal dish solar t 85-13313
- " systems, 1982-1983, Basic and applied r 85-13260
- converter CV-1548, multiplexer TD-352, TD-660, TD- 85-12315

- Convey, for Certain Specified Consideration, to the  
 Conveyance of public lands, Seneca County, Ohio.  
 conveyances; fee exemptions; and assistance to vol  
 cooled shields in insulations, Optimization of  
 cooling /, Appraisal study of saline water use equ  
 " using an automatic finite element mesh gen  
 cooperating agencies /, Directory of  
 " state institutions, Directory of prof  
 " state institutions, Professional worke  
 cooperation /, Oversight hearing on interagency  
 cooperative agreement handbook instruction., NASA  
 " approach as demonstrated by the Tennes  
 " control synthesis applied to a control  
 " grain trade opportunities in eastern E  
 " program in basic sciences., United Sta  
 " publications /, Farmer  
 Cooperative Agreements with the Art Barn Associati  
 cooperatives /, Marketing operations of dairy  
 Coordinated transportation demonstration results :  
 coordinates tensor product finite element 3DPNS al  
 coordination of the use of radio frequencies., Dir  
 copper in bedrock samples, western Chichagof-Yakob  
 copyright relations of the United States., Interna  
 copyrights /, Oversight on international  
 CORCON-MOD2 :a computer program for analysis of  
 mo  
 core samples., Photography of rock  
 " /magnesia interaction test /, Report on large  
 Corinto to Punta Guiones /, West coast, Nicaragua-  
 corn and soybeans using a row crop reflectance mod  
 " :background for 1985 farm legislation.  
 " silage and animal products /, Effects of sewa  
 corporation documentation guide, SOI  
 " income tax returns documentation guide  
 corporations., Tax information on  
 " , Tax information on  
 Corps, the environment, and the Upper Mississippi  
 corpsmen to collect chest pain data from patients  
 correction accuracy, LANDSAT-D thematic mapper  
 ima  
 " table :central Pacific /, Loran-C secon  
 " tables for 10.2 kHz :area 01 Northern E  
 " tables for 10.2 kHz :area 04, Alaska, s  
 " tables for 10.2 kHz :area 04, Alaska, s  
 " tables for 10.2 kHz :area 06, Greenland  
 " tables for 10.2 kHz :area 07, Meditterra  
 " tables for 10.2 kHz :area 08, Asia, sta  
 " tables for 10.2 kHz :area 09, Northwest  
 " tables for 10.2 kHz :area 10, central P  
 " tables for 10.2 kHz :area 11, North Ame  
 " tables for 10.2 kHz :area 17, east Paci  
 correctional institutions., Courts and  
 " process :a study of the implementatio  
 corrections /, Summary of  
 " : Summary of  
 " : Summary of  
 " : Summary of  
 " : Summary of  
 Correlated measurements of UHF radar signatures, R  
 Correlation of coal properties with environmental  
 " of concrete tie track performance in r  
 " of structural mode shapes from test me  
 correspondence course., Seamanship :officer  
 corrosion and mechanical wear of iron, Interaction  
 " control /  
 " life, Effects of surface chemistry on ho  
 " /erosion using a video camera and proximi  
 corrosive and passive surfaces by laser-excited Ra  
 COS, CS<sub>2</sub> and CH<sub>2</sub>Cl<sub>2</sub>, Sources  
 COSAL, a black-box compressible stability analysis  
 cosmic sources, High resolution hard x-ray spectra  
 cost analysis, policy analysis, and other evaluati  
 " and performance models for electrostatically  
 " cockpit procedures trainer /, Training effect  
 " effective metallization system for solar cell  
 " of soil conservation and water quality practi  
 " recovery /, Medical care  
 " savings potential from improvement in railcar  
 Costa Rica, March 15, 1983., An Act to Implement t  
 costs and their effects on the economy /, Health c  
 " and yields, Computer analysis of effects of  
 " charged to DOD contracts : hearing before a  
 " less than herbicides /, Releasing young hard  
 " , and decisionmaking /, Intensive care units  
 Cotton :background for 1985 farm legislation.  
 " ginnings in the United States.  
 cottonwood plantation on a clay site /, Growth, th  
 couette flow, Complex eigenvalues for the stabilit  
 could you use a multibillion dollar customer?, VA  
 counsel /, D.C. judges and independent  
 countertrade :a guide for managers and executives  
 counties, Utah /, Geologic map of the Beaver Lake  
 " , Utah /, Geologic map of the Frisco Peak  
 countries ... annual summary., Climate impact asse  
 " ... annual summary., Climate impact asse  
 " /, Crop output growth :changes in compon  
 " , Mineral industry of other central Afric  
 " , Mineral industry of other east African  
 " , Mineral industry of other west African  
 " , Preprint from the ... Bureau of Mines  
 " , Preprint from the ... Bureau of Mines  
 " , Preprint from the ... Bureau of Mines  
 " , US prosperity and the developing  
 country of origin by schedule A commodity grouping  
 " reports on human rights practices :  
 " study /, Philippines, a  
 " , Schedule E commodity groupings by world a  
 " , U.S. exports. Schedule E commodity group  
 " , US exports. Schedule E commodity grouping  
 coupled loads analysis, The ASTRO-I preliminary de  
 " thermal-hydraulic computer model for freez  
 course catalog., NISC  
 " guide., Warrant Officer candidate  
 " in health promotion seminar /, An instructo  
 " outline : leadership development 1 /, Instr  
 " 3030-G., Principles of epidemiology :princi  
 " , American language  
 " , Internal control  
 " , Pre-command  
 " , Seamanship :officer correspondence  
 Courseulles to Cap Gris-Nez /, United Kingdom-Fran  
 courseware evaluations /, MicroSIFT  
 Court decisions relating to the National Labor Rel  
 courtesies and activities guide /, Customs,  
 courtesy reply mail., Preparing business and  
 Courthouse in Las Vegas, Nevada, as the "Foley Fe  
 " in Ocala, Florida, as the "Golden-Coll  
 " in Utica, New York, as the "Alexander  
 " , An Act to Designate the Federal Bui  
 " , An Act to Designate the Federal Bui  
 Courthouse Building in Hato Rey, Puerto Rico, as t  
 courts /, Child sexual abuse victims in the  
 " and correctional institutions.  
 " :communication from the Chief Justice of th  
 " , adopted by the Supreme Court, Amendments t  
 cover typing from environmental satellite imagery,  
 " use, Photo interpretation key to Michigan la

- coverage of the medicare population., Private heal 85-12694  
 covering content of sets, kits, and outfits, comp 85-12267  
 " content of sets, kits, and outfits compon 85-12268  
 " federally financed and assisted construct 85-13016  
 CP82-119-007, CP82-446-003, and CP84-146-001., Pha 85-12418  
 CP82-446-003, and CP84-146-001., Phase 1A pipeline 85-12418  
 CP84-146-001., Phase 1A pipeline project :environm 85-12418  
 crabbed moving deformable barrier to a 1976 Volksw 85-13630  
 " moving deformable barrier to a 1976 Volksw 85-13631  
 crack closure, Three-dimensional measurements of f 85-13286  
 " growth specimen development, Mode II fatigue 85-13078  
 Craig area, Alaska, Aeromagnetic map of the 85-12842  
 Cranberries / 85-11975  
 Craters of the Moon National Monument vegetation t 85-12949  
 creative thinking : Smithsonian approach /, In pur 85-13544  
 credit programs for agriculture :background for 19 85-11873  
 " .. Investment 85-13573  
 credits., Fuel tax 85-13566  
 " .. Jobs and research 85-13577  
 Creek Watershed Protection District Compact ;, Whe 85-13887  
 Creep-rupture behavior of candidate Stirling engin 85-13061  
 creosote, pentachlorophenol, and the inorganic ars 85-12523  
 crews /, Task analysis of nuclear power plant cont 85-13725  
 Crime and violence in the media : 85-13885  
 " prevention activity book., The 85-12999  
 " prevention coloring book., "Have fun colori 85-12232  
 " survey :working papers /, The National 85-13006  
 " tool" :the crime prevention coloring book., 85-12232  
 " .. How to protect yourself against 85-12231  
 criminal justice :publications of the National Ins 85-13004  
 " procedure for the U.S. district courts, a 85-13677  
 " procedure for the U.S. district courts :c 85-13677  
 " sanction /, Fines in sentencing :a study 85-13001  
 " statutes enacted by the 98th Congress., H 85-12989  
 Criminal Division : 85-12987  
 Criminal Fine Enforcement Act of 1984. 85-12623  
 criteria for extension of applicability of low-emi 85-12514  
 " for fresh recreational waters /, Health e 85-12484  
 " for lead /, Optimum sampling site exposur 85-12521  
 " to post offices /, How to apply National 85-12950  
 " D.I.D.S. procedures manual. Vol. 11, Edi 85-12225  
 " .. Defense Integrated Data System DIDS pro 85-12225  
 " .. DIDS procedures manual. Vol. 11, Edit/va 85-12225  
 " .. Edit/validation 85-12225  
 criterion test., Conducting an initial assessment 85-12705  
 " test., Conducting surveillance of infect 85-12703  
 " test., Investigating infection problems 85-12704  
 critical habitat for the Hawaiian monk seal in the 85-12108  
 " technologies list., The military 85-12131  
 " to implementation in Air Force technical 85-12410  
 " to the implementation of self-paced instr 85-12411  
 " trends and issues : summary., Information 85-13755  
 crop condition assessment, Early warning and 85-13418  
 " output growth :changes in component contribut 85-11993  
 " reflectance model, An analysis of spectral di 85-13372  
 " trees :use of a chain saw costs less than her 85-11901  
 croplands :, Potential opportunities for reforesta 85-13780  
 crops on irrigated land served by the U.S. Bureau 85-11986  
 " .. and canes; matches, pyrotechnics and candle 85-12980  
 " .. Usual planting and harvesting dates for U. 85-11876  
 Cross Plains, Tennessee., Wild Horse & Burro Adopt 85-12958  
 cross-ply composite tubes, Residual stresses in 85-13252  
 Cross-references within the Internal Revenue Code 85-13693  
 crossflow, Real jet effects on dual jets in a 85-13361  
 crudes : TSUS items 401.06-401.10, 401.18, 401.22- 85-12973  
 crust and the interpretation of regional magnetic 85-13439  
 crustal dynamic studies, High precision measuremen 85-13287  
 cryogenic fluid transfer, On-orbit 85-13063  
 " tunnel, High Reynolds number tests of a 85-13034
- Crystal growth of device quality GaAs in space 85-13208  
 " growth of device quality GaAs in space 85-13337  
 " NiAlZr /, The transient oxidation of singl 85-13403  
 Crystals for Solar Cells (July 25, 26 and 27, 1983 85-13334  
 " from Garfield County, Utah /, Sand-calcit 85-12737  
 CSDOOR /, Users guide :computer program for optim 85-12321  
 CS<sub>2</sub> and CH<sub>2</sub>Cl<sub>2</sub> Sources and 85-13436  
 CSNI Specialist Meeting on Leak-Before-Break in Nu 85-13747  
 CSQII :examples for hydrogen-air mixtures /, Deton 85-13733  
 CT, 19-22 September 1983., 22nd Joint Services Saf 85-13619  
 CuBr /, High-temperature relative enthalpies of 85-12907  
 culture in the classroom /, A guide to 85-12444  
 cultured hybrid poplar plantations /, Weed control 85-11918  
 " Larix eurolepis /, Biomass production of 85-11919  
 cultures and the laboratories for slow, latent, an 85-12680  
 cumplir los objetivos profesionales : equal employ 85-13476  
 Cumulative list of organizations described in sect 85-13559  
 " supplement 1978-1982 /, Expanding knowl 85-13004  
 curleaf cercocarpus in Nevada /, Volume and bioma 85-11896  
 currencies held by the U.S. Government., Report on 85-13582  
 " held by the U.S. government, Foreign 85-13582  
 Current awareness in patient education. 85-12700  
 " awareness in school health education. 85-12701  
 " housing reports. Series H-150, Annual hous 85-12045  
 " industrial reports. M-32D, Clay constructi 85-12036  
 " industrial reports. MA-24T, Lumber product 85-12037  
 " industrial reports. MA-28A, Inorganic chem 85-12038  
 " industrial reports. MA-28C, Industrial gas 85-12039  
 " industrial reports. MA-33B, Steel mill pro 85-12040  
 " research, and long-term forecasting., Cons 85-11994  
 " state and future prospects of the U.S. pho 85-13926  
 " trends in the financial services industry 85-13929  
 currents /, Tidal 85-12111  
 " on a negatively biased solar cell array i 85-13082  
 Curriculum for Naval Junior Reserve Office Trainin 85-12344  
 curves for the Allegheny Plateau /, Black cherry s 85-11900  
 Custer County, Idaho, Geochemical sample locality 85-12808  
 Customer services national telephone directory. 85-13477  
 " ? , VA reaches out to veterans in business 85-13649  
 Customs valuation rulings under the Trade Agreemen 85-13555  
 " .. courtesies and activities guide / 85-12242  
 Cut-off rate calculations for the outer channel in 85-13278  
 CV-1548, multiplexer TD-352, TD-660, TD-754/G, TD- 85-12315  
 CY 1984), Equipment improvement report and mainte 85-12290  
 " 1984), Equipment improvement report and 85-12291  
 " 1984., Equipment improvement report and main- 85-12289  
 " 1984., Equipment improvement report and main- 85-12294  
 " 84), Equipment improvement report and main- 85-12292  
 " 84), Equipment improvement report and main- 85-12293  
 cybernetic vision, Edge analyzing properties of ce 85-13094  
 cycle., The Nuclear fuel 85-12413  
 cyclic intermediates—specialty chemicals : TSUS it 85-12972  
 " structures, NASTRAN forced vibration analys 85-13362  
 Cypress and Little John Creeks in the vicinity of 85-13762  
 Cyprus problem, including any relevant reports fro 85-13680  
 " question :communication from the President 85-13680  
 " .. Background notes, 85-13526  
 Cystic fibrosis. 85-12673  
 cysts by drinking water treatment plants /, Remova 85-12487

## D

- D.C. judges and independent counsel : 85-13803  
 " /, Taxi regulation in a free entry market :a 85-13587  
 D.C. Employment Security Building : Transfer of 85-13802  
 D.I.D.S. procedures manual. Vol. 11, Edit/validati 85-12225  
 " procedures manual. Vol. 14, Reports and s 85-12227  
 " procedures manual. Vol. 16, Remote termin 85-12228  
 D (North Dakota) /, Omega propagation correction t 85-12159  
 da frecuencia de cobertura de nuvens em dados do L 85-13384  
 dados do LANDSAT no periodo de 1973 a 1981, Levant 85-13384  
 Dairy : background for 1985 farm legislation. 85-11867  
 " cooperatives /, Marketing operations of 85-12009  
 dams., Design of small 85-12903  
 dangers /, Program performance measurement :demand 85-12710  
 Dar es Salaam to Mombasa Harbor /, Indian Ocean, A 85-12194  
 Daring what others dream. 85-13031  
 data /, The Quality of Agricultural Research Servi 85-11970  
 " acquisition progress report 42-77, The Teleco 85-13267  
 " and the effects on the South Platte River, De 85-12791  
 " base guide., Library 85-12991  
 " buoys in the Weddell Sea /, Sea ice 85-12323  
 " compilation, analysis, and reporting and bear 85-13175  
 " evaluation, LANDSAT 4 band 6 85-13365  
 " evaluation, LANDSAT 4 band 6 85-13375  
 " feedback program., Food service 85-12252  
 " for geologic applications, Evaluation of ther 85-13234  
 " for ground-water quality in Nebraska /, Appra 85-12742  
 " for the Huntington 30 x 60-minute quadrangle, 85-12892  
 " for the Manti 30 x 60-minute quadrangle, Uta 85-12889  
 " for the Nephi 30 x 60-minute quadrangle, Uta 85-12890  
 " for the Price 30 x 60-minute quadrangle, Uta 85-12891  
 " from patients /, An Evaluation of the ability 85-12343  
 " from tests of 2.29-meter (7.5-ft.) span EET h 85-13042  
 " interpretation, Aerosol backscatter lidar cal 85-13326  
 " near Portage, Wisconsin :Wisconsin power plan 85-12497  
 " needs report to the International Joint Comm 85-13702  
 " performance and processing, The use of linear 85-13381  
 " processing :definitions and specifications-ma 85-12651  
 " reduction (PADRE) system reference manual /, 85-12517  
 " smoothing filter study, Radar 85-13161  
 " sources /, Initialization of a mesoscale mode 85-13140  
 " systems manual, Nonappropriated Funds Informa 85-12240  
 " systems manual :Nonappropriated Funds Informa 85-12317  
 " tables available on computer tape /, Atmospe 85-12102  
 " tape documentation :multiple cause of death f 85-12688  
 " transmission (SDT) requirement, Satellite 85-13410  
 " :1963-1980 /, Tabulation of ozonesonde 85-13390  
 " , A novel algorithm for sea surface height est 85-13225  
 " . Alaska., U.S.G.S. water resources 85-12794  
 " . Alaska., Water resources 85-12794  
 " . Alaska, USGS water resources 85-12794  
 " /analyses, Sikorsky S-76A helicopter /, Noise 85-13615  
 " , CCRS proposal for evaluating LANDSAT-4 85-13422  
 " MSS a 85-13422  
 " , for use with HP-86/87 microcomputers, 85-12829  
 " PBDAT, 85-12829  
 " , Investigation of forestry resources and othe 85-13419  
 " , Kinematic analysis of Hurricane Frederick (I 85-13451  
 " , New equipment 85-12330  
 " , Potential utility of future satellite magnet 85-13409  
 " , Preliminary study of (2-D) digital filtering 85-13207  
 " , Public use data tape documentation :multipl 85-12688  
 " , The effects of solar incidence angle over di 85-13371  
 data-network assessment of the Manasota Basin, Man 85-12748  
 Dataflow computing approach in high-speed digital 85-13258  
 date of final adjournment /, Index to reports on p 85-13884  
 dates for U.S. field crops., Usual planting and ha 85-11876  
 Davis County Experimental Watershed, northern Utah 85-11937
- DAYTRANS, two models for predicting transpiration 85-11905  
 DC /, Workshop proceedings :approaches for improvi 85-12485  
 " parallel circuits for basic electricity and ele 85-12337  
 " series circuits for basic electricity and elect 85-12336  
 de Arauco /, Chile, Bahia de Valparaiso to Golfo 85-12164  
 " Beg to Cap Frehel /, United Kingdom-France, 85-12174  
 Eng 85-12174  
 " cobertura de nuvens em dados do LANDSAT 85-13384  
 " no peri 85-13384  
 " Janeiro /, Brazil-east coast, Belmonte to Rio 85-12166  
 " Janeiro /, Brazil-East coast, Cabo de Sao Tome 85-12169  
 " la Plata to Bahia Blanca /, South America, Arge 85-12165  
 " los sensores remotos a problemas hidrologicos e 85-13364  
 " Maraca /, Brazil-north coast, Cabo Orange to Il 85-12170  
 " nuvens em dados do LANDSAT no periodo de 85-13384  
 " 1973 a 85-13384  
 " Reye., Sindrome 85-12659  
 " San Antonio /, Mediterranean Sea, Spain-southea 85-12187  
 " Sao Tome to Rio de Janeiro /, Brazil-East coast 85-12169  
 " Terre and Chippewa River Valleys, western 85-12789  
 " Minne 85-12789  
 " Uruba to Puerto Cabello /, South America, 85-12168  
 " Panam 85-12168  
 " Valparaiso to Golfo de Arauco /, Chile, Bahia 85-12164  
 " 1973 a 1981, Levantamento da frecuencia de 85-13384  
 " cobe 85-13384  
 dealeasing NOSS wind direction data, Preliminary s 85-13207  
 dealing with occupational, Programmatic environmen 85-13704  
 death for ICD-9 1981 data., Public use data tape d 85-12688  
 Death Shall Be Exempt from Any Estate or Inheritan 85-12612  
 debate topic for high schools 1983-1984, pursuant 85-13660  
 Debt Collection Act of 1982 : Amendment of the 85-13888  
 decade for women : U.S. contribution to the U.N. 85-13848  
 decay in table grapes for storage., Instructions f 85-11968  
 Deceased Indians for Improper Payments from Trust 85-12581  
 Deceased Osage Indian Who Did Not Possess a Certif 85-12612  
 December 3, 1984., The Stockholm conference :a rep 85-13518  
 December 5-7, 1984, Office of Advocacy's Sixth Nat 85-13540  
 December 5-7, 1984, San Diego, California., Ideas 85-13541  
 December 10, 1984 /, Rededication to the cause of 85-13519  
 December 12, 1984., South Asia and U.S. foreign po 85-13521  
 December 13-15, 1982, Washington, DC /, Workshop p 85-12485  
 December 31, 1984 /, A compilation of federal educ 85-13812  
 December 1984., Space Symposium 1984 :America plan 85-12220  
 Decendents During Their Lifetime., An Act to Compe 85-12581  
 decision making systems :semiannual progress repor 85-13355  
 " rule tables., Defense Integrated Data Sys 85-12226  
 " rule tables, DIDS procedures manual. Vol. 85-12226  
 " rule tables, Materiel management 85-12226  
 decisionmaking /, Intensive care units (ICUs) :cli 85-13751  
 decisions /, Recreational boating safety :analysis 85-13622  
 " and orders of the National Labor Relatio 85-13027  
 " of the Federal Labor Relations Authority 85-13699  
 " of the Federal Labor Relations Authority 85-13700  
 " of the Maritime Subsidy Board, Maritime 85-12094  
 " relating to the National Labor Relations 85-13028  
 " , Identifying environmental features for 85-13379  
 declarations., Governor's checklist for emergency 85-12527  
 decoder, Performance analysis of the word synchron 85-13257  
 decoding of a d(min) = 6 RS code, Fast 85-13283  
 " techniques for extended single-and-double 85-13281  
 decontamination and disposal of radioactive wastes 85-13704  
 decoupler pylon /, Ground vibration test of F-16 a 85-13125  
 deductions : Charitable contributions and ministe 85-13844  
 deed., First United States Army :first in 85-12129  
 deep crust and the interpretation of regional magn 85-13439  
 deeper than 15,000 feet in the conterminous United 85-12822  
 " than 20,000 feet in the conterminous United 85-12823

- Deer and cattle forage selection on Louisiana pine defects in solar silicon ribbon material, Carbon, 85-11908
- Defense authorization for appropriations for fiscal 85-13342
- “ personal property offered for sale by Defense 85-13787
- “ personal property storage field training 85-12223
- “ to take certain extraordinary actions to r 85-12237
- “ before the Investigations Subcommittee of 85-13784
- “ „ Going strong! :women in 85-13784
- Defense Integrated Data System DIDS procedures man 85-12132
- “ procedures man 85-12224
- “ procedures man 85-12225
- “ procedures man 85-12226
- “ procedures man 85-12227
- “ procedures man 85-12228
- Defense Preparedness Seminar :September 29-October 85-12451
- Defense Property Disposal Service., Sale by referee 85-12223
- Defense Serving in the Area Formerly Known as the 85-12624
- Defensive system trainer specialist (AFSC 34152) / 85-12392
- “ system trainer specialist (AFSC 34152) / 85-12393
- deferral of budget authority, pursuant to sections 85-13675
- Deferrals :message from the President of the United 85-13675
- “ of budget authority for fiscal year 1983 85-13675
- Deficit Reduction Act of 1984 : General explanatory 85-13935
- definitions and specifications-master files, IMPAC 85-12651
- Deflections of uniformly loaded floors :a beam-spr 85-11893
- deformable barrier to a 1976 Volkswagen Rabbit at 85-13630
- “ barrier to a 1976 Volkswagen Rabbit at 85-13631
- deformation in the national transonic facility, A 85-13102
- “ measurements of composite multi-span b 85-13145
- “ system for the national transonic faci 85-13092
- degradation and failure of Ni-Cr-Al overlay coating 85-13057
- “ in irradiated polymers /, Heterogeneous 85-13731
- degree awards, 1971 to 1981 /, Graduate study in e 85-12465
- dehydrated subjects working in the cold /, Blood v 85-12341
- del Servicio Postal para cumplir los objetivos pro 85-13476
- Delamination growth analysis in quasi-isotropic la 85-13097
- “ in fiber-reinforced composite materia 85-13188
- Delaware., 1982 census of wholesale trade. Geograp 85-12056
- delays in processing Federal Employees' Compensation 85-13868
- delegates & clinics., Family planning grantees, 85-12687
- “ and clinics, Family planning grantees, 85-12687
- delegation trip to Southeast Asia to the Committee 85-13936
- delivered domestic fuelwood in Colorado, 1980 /, D 85-11925
- delivery truck, Wilmington, Illinois, July 28, 198 85-13590
- delta wings, An analytical design procedure for th 85-13429
- Demand for commercially delivered domestic fuelwood 85-11925
- “ implications for development assistance po 85-11987
- “ , and prices of U.S. rice /, Factors affecti 85-12000
- demands, technology, and dangers /, Program perfor 85-12710
- demonstrated by the Tennessee Valley Authority., E 85-13761
- Demonstration and evaluation of energy efficient s 85-12723
- “ of a low cost cockpit procedures tra 85-12339
- “ of angular anisotropy in the output 85-13421
- “ program :phase III /, Airbag 85-13627
- “ project :a program to train apprenti 85-12475
- “ results :final report /, Coordinated 85-13586
- Demonstrations Concerning Health Promotion and Dis 85-12605
- Denmark and Greenland., Preprint from the ... Bure 85-12920
- “ and Greenland, Mineral industry of 85-12920
- Denmark-Netherlands, West Germany, Ameland to Fano 85-12177
- Denmark Strait, Greenland (Denmark)-east coast, Ka 85-12179
- “ , Greenland (Denmark)-east coast, Le 85-12178
- densitometry with a gamma camera, High resolution 85-13086
- density /, X-ray measurements of water fog 85-13719
- “ irregularities near 500 KM - equator to po 85-13118
- Denver metropolitan area, Colorado /, Analysis of 85-12791
- Departments of Commerce, Justice, State, the Judic 85-13777
- “ of Labor, Health and Human Services, a 85-12636
- “ of Labor, Health and Human Services, E 85-13778
- “ of Transportation and Commerce., Mari 85-12622
- dependence of elastic and strength properties of T 85-13280
- Dependency and Indemnity Compensation for Surviv 85-12602
- depletion problems in the Northwest :, Review of g 85-13872
- deployment investigation of Cabintaxi/Cabinlift sy 85-13626
- deposition of methyl iodide /, Laboratory measurem 85-13745
- “ patterns from an agricultural airplane 85-13463
- “ stress effects on thermal barrier coat 85-13056
- deposits and landforms of the Nogahabara Sand Dune 85-12824
- depot maintenance repair parts and special tools l 85-12258
- “ manual shipment, handling, storage, inspect 85-12264
- depression., Adolescence and 85-12707
- “ „ Satellite observations of a monsoon 85-13268
- depth to ground water, basin and range province, A 85-12751
- “ to ground water, basin and range province, N 85-12770
- “ to ground-water, basin and range province, N 85-12775
- “ to ground-water, basin and range province, O 85-12778
- “ to ground water, basin and range province, S 85-12760
- “ to ground water, basin and range province, T 85-12782
- “ to ground waters, basin and range province, 85-12757
- “ to ground waters, basin and range province, 85-12765
- “ to ground waters, basin and range province, 85-12785
- derived seasonal variations in the water vapor, li 85-13115
- described in section 170 (c) of the Internal Reven 85-13559
- description report /, BWR Full Integral Simulation 85-13718
- descriptions of 244 sites on proposed update #2 to 85-12479
- Descriptive statistics :tables, graphs, & charts / 85-12696
- “ „ geologic, and borehole geophysical lo 85-12827
- desegregation and black achievement., School 85-12477
- desert for geology-energy-mineral resource potenti 85-12966
- Design and construction of equipment items for geo 85-13163
- “ and operation /, Miniature acid-condensatio 85-12498
- “ arts. 85-13468
- “ attitude control system, Modular 85-13432
- “ considerations for a 2He refrig 85-13112
- “ considerations for a monolithic, GaAs, dual 85-13265
- “ for seasonal frost conditions., Pavement 85-12254
- “ for self-lubricating bushings, Evaluation o 85-13076
- “ guidelines for automated offices /, Interim 85-12088
- “ handbook, Interplanetary mission 85-13324
- “ in compliance with systems performance stan 85-12116
- “ information on rotating biological contacto 85-12490
- “ of advanced transonic wing configurations, 85-13109
- “ of an optimal waveform to maximize scatteri 85-12361
- “ of multivariable feedback control systems v 85-13241
- “ of nonlinear metal plates under blast load 85-12321
- “ of small dams. 85-12903
- “ procedure for the determination of effectiv 85-13429
- “ review coupled loads analysis, The ASTRO-1 85-13040
- “ „ development and use of the finite element 85-13178
- “ „ fabrication and evaluation of an oxide dis 85-13399
- “ „ fabrication and evaluation of an oxide dis 85-13400
- “ „ Factors that affect the fatigue strength o 85-13048
- “ „ MLS/airplane system 85-13200
- Designate the Federal Building and United States C 85-12615
- “ the Federal Building and United States C 85-12616
- “ the United States Courthouse Building in 85-12619
- “ the United States Post Office and Courth 85-12620
- “ the Week Beginning May 20, 1985, as “Na 85-12631
- Designate Certain National Forest Lands in the Sta 85-12573
- Designate Certain National Forest Systems Lands in 85-12588
- designation of critical habitat for the Hawaiian m 85-12108
- designs, Application of an optimization method to 85-13072
- desk directory., The small business answer 85-13537
- “ guide., Taxation of social security benefits 85-12644
- desktop computer programs in BASIC, Coal-seismic, 85-12836
- destruction of tow heavy antitank/assault weapon t 85-12265
- Detailed listing of real property owned by the Uni 85-12554
- “ technical assessment review of U.S. strat 85-13673

- detecting device, modular guided bomb, DSU-27A/B, 85-12377
- detection of OH using the technique of laser induced fluorescence of solid sulfur dioxide particles, The p 85-13453
- " to investigate thematic mapper data perf 85-13381
- detection of juveniles ; Preventive 85-13892
- deterioration problems and preservation treatments 85-12944
- Determine sentencing and the correctional process 85-13003
- determination of effective leading edge extensions 85-13429
- " of heavy metals in sediments and ben 85-13249
- " of the Commission in investigation n 85-12983
- " of the Commission in investigation n 85-12984
- " of the key parameters affecting hist 85-13052
- " of the succinonitrile-benzene and su 85-13036
- " of total reduced sulfur emissions :s 85-12522
- " services disability medical consults 85-12640
- determine stream network from LANDSAT imagery, Spa 85-13405
- determined by HCMM to predict nocturnal cold prone 85-13369
- determining the mechanical integrity of class II i 85-12491
- deterministic-probabilistic contaminant transport 85-13720
- Detonation calculations using a modified version o 85-13733
- Detroit Edison Company, et al., Safety evaluation 85-13707
- Develop Human Resources, Reduce Structural Unemplo 85-12596
- developed by DOE high-level nuclear waste reposito 85-13734
- " for nonforest use in western Washington 85-11932
- Developer/demonstration project :a program to trai 85-12475
- Developing childhood injury prevention programs :a 85-12716
- " countries /, Crop output growth :change 85-11993
- " countries, US prosperity and the 85-13535
- " models and public education in home equ 85-12721
- development /, Careering after college :perspectiv 85-12459
- " /, Groundwater monitoring recommendation 85-12500
- " ; Economic 85-13792
- " :a cooperative approach as demonstrate 85-13761
- " :a course outline : leadership develop 85-12245
- " and disease patterns in primitive cult 85-12680
- " and evaluation of a fault-tolerant mul 85-13194
- " and personnel preparation for serving 85-12429
- " and use of the finite element machine, 85-13178
- " appropriations for fiscal year 1985 ; 85-13774
- " assistance policy /, Longrun changes i 85-11987
- " :first level program guide /, Nursing 85-13647
- " for ODS-superalloy, air-cooled turbine 85-13393
- " of a self-contained airborne radar nav 85-13151
- " of a toxic screening model /, Conceptu 85-12518
- " of an all-metal thick film cost effect 85-13345
- " of criteria for extension of applicabi 85-12514
- " of dynamic simulation of TF34-GE-100 t 85-13053
- " of efficient coding for an electronic 85-13227
- " of limb volume measuring system 85-13177
- " of new intercalated cathode materials 85-13205
- " of pre-school handicapped children :re 85-13023
- " of second malignant neoplasms /, Selec 85-12666
- " of strain tolerant thermal barrier coa 85-13237
- " of tunable solid state lasers for remo 85-13356
- " programs, Department of Housing and U 85-12725
- " programs, Annual report to Congress. I 85-12725
- " programs-fiscal year 1985 ; Departmen 85-13818
- " 1 /, Instructor's guide for introducti 85-12245
- " 3 /, Instructor's readings for instruc 85-12243
- " 3 : instructor's guide for applied lea 85-12244
- " , Advanced gas turbine (AGT) technology 85-13401
- " , and estimates of undiscovered recover 85-12837
- " , and evaluation of performance proving 85-13150
- " , and related agencies appropriations f 85-13776
- " , Community 85-13482
- " /deployment investigation of Cabintaxi/ 85-13626
- " , Full scale phosphoric acid-fuel cell 85-13394
- " , leadership development 3 /, Instructo 85-12243
- " , Measures and metrics for software 85-13091
- " , Mode II fatigue crack growth specimen 85-13078
- " ), Student text for seminar in leaders 85-12244
- Development INTERDATA 8/32 computer system 85-13449
- developments in UNESCO and their implications for 85-13859
- device and test procedure to assess side structure 85-13632
- " on a wood burning appliance /, Study of the 85-12504
- " quality GaAs in space, Crystal growth of 85-13208
- " quality GaAs in space, Crystal growth of 85-13337
- " , modular guided bomb, DSU-27A/B, part no. H 85-12377
- devices /, Specifications, tolerances, and other t 85-12086
- " to radio telemetry, Application of surface 85-13273
- " , A survey of gas-side fouling measure 85-13322
- " , Millimeter wave transmission systems and 85-13245
- Devonian and lower Mississippian (?) Kanayut Congl 85-12736
- di Ponzia /, Mediterranean Sea, Italy-west coast, C 85-12188
- Diabetes mellitus. 85-12674
- diagnosis and treatment of testicular cancer /, Se 85-12669
- " program for acute abdominal pain /, Comp 85-12342
- Diagram booklet :telephone signal converter CV-154 85-12315
- diagrams by thermal and UV spectroscopic analysis, 85-13036
- dialysis and transplant services /, National list 85-12718
- dibromide (EDB) ; Alternatives to ethylene 85-13769
- DIDS procedures manual. Vol. 10, Multiple applicat 85-12224
- " procedures manual. Vol. 11, Edit/validation c 85-12225
- " procedures manual. Vol. 13, Materiel managem 85-12226
- " procedures manual. Vol. 14, Reports and stati 85-12227
- " procedures manual. Vol. 16, Remote terminal s 85-12228
- Diego, California, Ideas in action—the states and 85-13541
- diesel driven, 600 CFM, 100 psi, Ingersoll-Rand, D 85-12258
- " exhaust /, Studies of particulate removal f 85-12503
- Diet therapy specialist (AFSC 62251) / 85-12400
- diethylstilbestrol in pregnancy /, A followup stud 85-12670
- difference schemes for hyperbolic conservation law 85-13181
- " schemes having special properties for o 85-13311
- different maximum thicknesses, Aerodynamic charact 85-13033
- " numerical codes, An investigation of aer 85-13272
- differential equations arising in combustion chemi 85-13467
- " equations, Construction of finite dif 85-13311
- diffusion models /, Review of the attributes and p 85-12499
- digest :DRAGON Medium Antitank/Assault Weapon Syst 85-12291
- " :HAWK Air Defense Guided Missile System and 85-12290
- " :Multiple Launch Rocket System, second quar 85-12294
- " :Nike-Hercules and Improved Nike-Hercules 85-12289
- " (US Army Tank-Automobile Command) :commerci 85-12292
- " (US Army Tank-Automotive Command) materi-al 85-12293
- " , 1985 :for popular western whitewater boati 85-12947
- Digestive diseases. 85-12675
- " system :proceedings of a meeting held at 85-12649
- digital filtering for dealeasing NOSS wind directi 85-13207
- " processing of LANDSAT data, The effects of 85-13371
- " simulation, Dataflow computing approach in 85-13258
- " techniques :module 10005. 85-12378
- dike water conservation practices in the Texas Hig 85-11853
- dilution jet flowfields, On modeling 85-13070
- dimensionality reduction and geometric correction 85-13374
- Dinosaur National Monument and vicinity, Utah and 85-12888
- diode lasers and development of tunable solid stat 85-13356
- dioxide bands near 2.2 um, Analysis of carbon 85-13275
- " particles, The plumes of IO :a detection o 85-13445
- diplomacy :toward a new consensus?, Strength and 85-13523
- direct measurement of condenser biofouling /, Feas 85-12506
- " seedlings still successful after 11 years / 85-11926
- " simulations of chemically reacting turbulen 85-13391
- " support and general support maintenance rep 85-12255

- " support and general support maintenance rep 85-12257  
 " support and general support maintenance rep 85-12258  
 " support and general support maintenance rep 85-12261  
 " support and general support maintenance rep 85-12262  
 " support, general support and depot manual : 85-12264  
 " the Secretary of Agriculture to Convey, for 85-12610  
**directed** against the gypsy moth., Panoramic aerial 85-11879  
 " flow graph methodology, An evaluation of 85-13269  
**direction** data, Preliminary study of (2-D) digital 85-13207  
**directives** for large aircraft, Summary of airworth 85-13613  
 " for large aircraft, Summary of airworth 85-13614  
 " for small aircraft, Summary of airworth 85-13613  
 " for small aircraft, Summary of airworth 85-13614  
 " , Airworthiness 85-13613  
 " , Airworthiness 85-13614  
 " , Federal aviation regulations. Part 39 85-13613  
 " , Federal aviation regulations. Part 39 85-13614  
**director's** discretionary fund, Pattern recognition 85-13039  
**directory** /, FAA 85-13617  
 " /, Nevada, Utah ZIP4 state 85-13479  
 " /, Telephone 85-13717  
 " /, Washington ZIP4 state 85-13480  
 " for petroleum assessment of wilderness l 85-12833  
 " of certificates of compliance for radioa 85-13703  
 " of cooperating agencies / 85-12004  
 " of field contacts for the coordination o 85-12125  
 " of multidisciplinary user facilities par 85-13471  
 " of participants handling waterfowl, exhi 85-12006  
 " of professional workers in state agricul 85-11875  
 " of veterans organizations. 85-13650  
 " , Customer services national telephone 85-13477  
 " , Federal Aviation Administration 85-13617  
 " , Nevada, Utah, ZIP4 state 85-13479  
 " , Telephone 85-12127  
 " , The small business answer desk 85-13537  
 " , Washington, ZIP4 state 85-13480  
**disability** determination services disability medic 85-12640  
 " medical consultants., Register of disab 85-12640  
 " program., Improvements in the Social Se 85-12641  
**Disability Compensation** for Disabled Veterans and 85-12602  
**Disabled Veterans** and of Dependency and Indemnity 85-12602  
**disarmament** activities, 98th Congress ; Review of 85-13782  
**Disaster** preparedness specialist (AFSC 24250) / 85-12384  
**discretionary** fund, Pattern recognition for space 85-13039  
**discrimination** between corn and soybeans using a r 85-13372  
**Discriminatory** taxation on pipelines : 85-13795  
**disease** ;, Alzheimer's 85-13764  
 " patterns in primitive cultures and the lab 85-12680  
**Disease Control**, Atlanta, Georgia., Management ski 85-12697  
**Disease Prevention**, and, An Act to Revise and Exte 85-12605  
 " , to Provide for the Establishment 85-12605  
**diseases** and treatment /, Kidney & urinary tract 85-12676  
 " and treatment, Kidney and urinary tract 85-12676  
 " frequently encountered in the Rocky Mount 85-11950  
 " , and related disorders., Arthritis, rheum 85-12672  
 " , Digestive 85-12675  
**dish** annual technology evaluation report, fiscal y 85-13229  
 " solar thermal power plants, The kinematic sti 85-13313  
 " technology annual evaluation report, Solar pa 85-13314  
**dish-type** solar thermal collectors and power syste 85-13323  
**disk** subsystem, MPP 85-13407  
**disorder** and phototherapy /, Seasonal affective 85-12709  
**disorders**., Arthritis, rheumatic diseases, and rel 85-12672  
**dispersed** storage and generation systems, Eel 85-13318  
**dispersion** strengthened sheet alloy combustor line 85-13399  
 " strengthened sheet alloy combustor line 85-13400  
**displaced** federal employees ;, Placement programs 85-13914  
**display**, Evaluation of HIMAT aircraft landing appr 85-13085  
**disposal** for Peace Corps volunteers /, Water purif 85-13485  
 " of radioactive waste in accordance with U 85-12250  
 " of radioactive wastes resulting from Marc 85-13704  
 " of usable equipment : 85-13786  
 " site near Sheffield, Illinois /, Hydrogeo 85-12792  
**disputes**., Highlights from the Issues and practice 85-13005  
 " , State laws and regulations governing se 85-13597  
**dissociated** and steam-reformed methanol as automot 85-13157  
**dissolved** ions of streams in the United States /, 85-12741  
 " oxygen measurements in water by the Wink 85-12098  
 " solids and dominant chemical type in gro 85-12752  
 " solids and dominant chemical type in gro 85-12758  
 " solids and dominant chemical type in gro 85-12761  
 " solids and dominant chemical type in gro 85-12766  
 " solids and dominant chemical type in gro 85-12771  
 " solids and dominant chemical type in gro 85-12779  
 " solids and dominant chemical type in gro 85-12783  
 " solids and dominant chemical type in gro 85-12786  
**distances** and/or addendums, Lubricant jet flow phe 85-13079  
**distributed** programing structural synthesis system 85-13045  
 " storage and processing of large arrays 85-13180  
 " systems with high reliability requirem 85-13444  
**distribution** and abundance of boron and beryllium 85-12796  
 " and abundance of cobalt in bedrock sa 85-12798  
 " and abundance of copper in bedrock sa 85-12797  
 " and abundance of gold and silver in b 85-12795  
 " and abundance of lead in bedrock samp 85-12801  
 " and abundance of molybdenum, tin, and 85-12799  
 " and abundance of nickel and chromium 85-12800  
 " and abundance of scandium and yttrium 85-12802  
 " and abundance of strontium and lantha 85-12803  
 " and abundance of zinc in bedrock samp 85-12804  
 " and sewage disposal for Peace Corps v 85-13485  
 " data from tests of 2.29-meter (7.5-ft 85-13042  
 " facilities for central North Carolina 85-11877  
 " of Certain Funds Awarded the Wyandott 85-12626  
 " of dissolved solids and dominant chem 85-12752  
 " of dissolved solids and dominant chem 85-12758  
 " of dissolved solids and dominant chem 85-12761  
 " of dissolved solids and dominant chem 85-12766  
 " of dissolved solids and dominant chem 85-12771  
 " of dissolved solids and dominant chem 85-12779  
 " of dissolved solids and dominant chem 85-12783  
 " of dissolved solids and dominant chem 85-12786  
 " of oil from the strategic petroleum r 85-13873  
 " of psychiatric beds, United States an 85-12712  
**district** courts, adopted by the Supreme Court, Ame 85-13677  
 " courts :communication from the Chief Just 85-13677  
 " of Columbia, and for Other, An Act to Aut 85-12585  
 " of Columbia, and for Other Purposes, An 85-12595  
 " of Columbia, Florida, Georgia, Maryland, 85-12021  
**disturbed** forest sites in central Arizona /, Pocke 85-11906  
**docket** no. STN 50-454 :appendix "A" to license n 85-13716  
 " no. STN 50-483 : appendix "A" to license 85-13713  
 " no. STN 50-483 :Union Electric Company., Sa 85-13708  
 " no. 50-244 :Rochester Gas and Electric Corp 85-13710  
 " no. 50-320 :final supplement dealing with o 85-13704  
 " no. 50-341 :Detroit Edison Company, et al., 85-13707  
 " no. 50-382 :appendix "A" to license no. N 85-13712  
 " no. 50-382 :Louisiana Power & Light Company 85-13705  
 " no. 50-412 :Duquesne Light Company, et al., 85-13715  
 " no. 50-423, Northeast Nuclear Energy Compan 85-13714  
 " nos. CP82-119-007, CP82-446-003, and CP84-1 85-12418  
 " nos. 50-413 and 50-414, Duke Power Company, 85-13711  
 " nos. 50-445 and 50-446 : Texas Utilities Ge 85-13706  
**doctorates**., Science and engineering 85-13475  
**document** /, Toxicity treatability of iron and stee 85-12495  
 " :integrated risk assessment) : final rul 85-12524  
 " #NG-13, NIMBUS observation processing sys 85-13087

## Documentation

Documentation and preliminary validation of H2OTRA 85-11905  
 " guide 85-13564  
 " guide, Statistics of income. Corpor 85-13564  
 " guide, Corporation income tax return 85-13564  
 " guide, SOI corporation 85-13564  
 " multiple cause of death for ICD-9 I 85-12688  
 Documents, Computers: a selection of books for sa 85-12538  
 DOD contracts: hearing before a subcommittee of t 85-13874  
 " productions cleared for public release, Catal 85-12134  
 " 's sophisticated munitions: 85-13867  
 DOE, RIF's at 85-13834  
 " high-level nuclear waste repository site proje 85-13734  
 dogs, Military police: military working 85-12253  
 dollar customer?, VA reaches out to veterans in bu 85-13649  
 Dolly Sods Wilderness and Scenic Area, Monongahela 85-11885  
 domestic assistance, Update to the ... Catalog of 85-13503  
 " firefighting forces (H.R. 3726); and Cong 85-13869  
 " food irradiation; The status of the tec 85-13921  
 " fuelwood in Colorado, 1980 / Demand for 85-11925  
 " uranium mining and milling industry; Re 85-13822  
 dominant chemical type in ground water, basin and 85-12752  
 " chemical type in ground water, basin and 85-12758  
 " chemical type in ground water, basin and 85-12761  
 " chemical type in ground water, basin and 85-12766  
 " chemical type in ground water, basin and 85-12771  
 " chemical type in ground water, basin and 85-12779  
 " chemical type in ground water, basin and 85-12783  
 " chemical type in ground water basin and r 85-12786  
 dominantly argillaceous sedimentary and metasedime 85-12754  
 " argillaceous sedimentary and metasedime 85-12762  
 " argillaceous sedimentary and metasedime 85-12768  
 " argillaceous sedimentary and metasedime 85-12787  
 " argillaceous sedimentary rocks, basin a 85-12773  
 Dominican Republic. 85-13506  
 " 85-13507  
 Donnae Hae to Busan Hang (Tonae Hae to Pusan Hang), 85-12214  
 doors for success, Opening 85-13697  
 Doppler/interferometer location systems, Multipath 85-13412  
 dosimetry at commercial nuclear plants: final repo 85-13730  
 double vortex thunderstorms, Numeric and fluid dyn 85-13164  
 Douglas-fir seedlings / Optimum temperatures for 85-11924  
 Dover and Courseilles to Cap Gris-Nez / United Ki 85-12175  
 " to Orford Ness and Cap Gris-Nez to Hoek Van 85-12176  
 downwind from the SASS-1 model function by means o 85-13143  
 DPCT) model / Simulation of groundwater flow and 85-13720  
 DPFC-DMS polymer in the SKG range, Manufacture of 85-13455  
 draft / Teaching severely handicapped students to 85-12455  
 " air quality analysis for the combined hydroc 85-12730  
 " environmental assessment, Proposed 1984 pla 85-12964  
 " environmental impact statement: Medicine Bo 85-11947  
 " environmental impact statement on the Circle 85-12727  
 " environmental statement related to the opera 85-13715  
 " recodification of maritime liability laws / 85-13907  
 drag in steady and unsteady flows, Embedded cavity 85-13192  
 DRAGON Medium Antitank/Assault Weapon System, 85-12291  
 (sec 85-13556  
 Drawback: a duty refund on certain exports. 85-12031  
 drawing and insulating (industry 3357), 1982 cens 85-12272  
 drawings for ammunition, List of storage and outl 85-13031  
 dream, Daring what others 85-12255  
 drier-mixer, bituminous-concrete materials, wheel 85-12822  
 drilled for oil and gas deeper than 15,000 feet in 85-12823  
 " for oil and gas deeper than 20,000 feet in 85-12344  
 drills, commands, and ceremonies, Curriculum for 85-13903  
 drinking age / National minimum 85-12487  
 " water treatment plants / Removal of gear 85-13071  
 drive, An Advanced pitch change mechanism incorpor 85-11944  
 Drive-to-tree, rubber-tired feller buncher product 85-12255  
 drives, 2 wheel, pneumatic tires, 3 to 10 ton per

## Title Keyword Index

" , 600 CFM, 100 psi, Ingersoll-Rand, Direct s 85-12258  
 driver waiver program / Handicapped 85-13602  
 driving public information program strategies and 85-13635  
 drops and bubbles / Unified theory for predicting 85-13746  
 drug abuse among youth: Prevention of 85-13879  
 " abuse prevention, Alcohol and 85-12425  
 " formulary, Phoenix Indian Medical Center: 85-12638  
 " law enforcement and interdiction: Federal 85-13911  
 Drug Abuse and Mental Health Services, An Act to 85-12589  
 Drugs and Biologics Medical Library, Center for 85-12684  
 Drunk driving public information program strategie 85-13635  
 dry air / Combustion gas properties: I-ASTM jet A 85-13465  
 " SO<sub>2</sub> control systems: fall 1983 / S 85-12513  
 Dry Bay, Eastern Gulf of Alaska, Isopach map of Ho 85-12805  
 DS and GS maintenance manual: radar set AN/MPQ-51 85-12260  
 DSU-27A/B, part no. HG020601-001-00, Storage and 85-12377  
 dual jets in a crossflow, Real jet effects on 85-13361  
 dual-mode, QPSK/QASK, high-through put rate trans 85-13265  
 Dubrovnik /, Mediterranean, Adriatic Sea, Yugoslav 85-12192  
 duct containing near sonic flows, Acoustic shocks 85-13191  
 ductile materials, Tensile fracture of 85-13276  
 ducts, Effect of boattail geometry on the aeroacou 85-13113  
 Duke Power Company, et al., Safety evaluation repo 85-13711  
 Duluth /, Water filtration at 85-12489  
 Duquesne Light Company, et al., Draft environmenta 85-13715  
 durability study of pericardial bioprostheses, A 85-13238  
 duties on certain shelled filberts: Increased 85-13846  
 duty refund on certain exports, Drawback: a 85-13556  
 dwarf mistletoe /, Lodgepole pine 85-11890  
 " mistletoes: proceedings of the symposium, Au 85-11942  
 Dye laser traveling wave amplifier 85-13408  
 dynamic compression laboratory, Orbiting 85-13296  
 " design of nonlinear metal plates under bla 85-12321  
 " loads of the Mod-2 wind turbine, Effect of 85-13062  
 " model of the Earth's upper atmosphere / 85-13142  
 " noise affecting geodynamics information in 85-13264  
 " representation of tornadic double vortex t 85-13164  
 " simulation of TF34-GE-100 turbofan engine 85-13053  
 " stress analysis of smooth and notched fibe 85-13065  
 " studies, High precision measurements in cr 85-13287  
 " topography and the geoid, Lower mantle het 85-13284  
 Dynamics and control of large flexible space struc 85-13363  
 " numerical analysis, Manufacturing in spac 85-13435  
 " research programs, Satellite-tracking and 85-13212  
 " , Nonlinear problems in flight 85-13107  
 Dynamics Division, Structures and 85-13100

## E

E (Reunion) /, Omega propagation correction tables 85-12151  
 E-series computer, HP 2109B and HP 2113B installat 85-12371  
 Early postfire revegetation in a western Montana D 85-11894  
 " quaternary and tertiary age, basin and range 85-12764  
 " quaternary and tertiary age, basin and range 85-12776  
 " warning and crop condition assessment 85-13418  
 Earn Army pay and benefits as a civilian. 85-12306  
 Earth and Planetary Sciences, The Johns Hopkins Un 85-13414  
 " dynamics research programs, Satellite-tracki 85-13212  
 " 's magnetic field from the space station, Obs 85-13120  
 " 's upper atmosphere /, Dynamic model of the 85-13142  
 Earthquake hazard studies in New York State and ad 85-13721  
 east African countries, Preprint from the ... Bur 85-12910  
 " African countries, Mineral industry of other 85-12910  
 " coast, Kap Gustav Holm sheet /, Denmark Stra 85-12179  
 " coast, Lemon Bugt to Storo /, Denmark Strait 85-12178  
 " of a low-level radioactive-waste disposal sit 85-12792  
 " Pacific, station D (North Dakota) /, Omega pr 85-12159

- East Boston, Massachusetts, September 23, 1983 / 85-13591
- East Shasta planning areas, Rangeland program sum 85-12967
- East-West Relations :November 27, 1984, Reflectio 85-13517
- eastern and south-central Utah — Sunnyside STSA / 85-12730
- " Europe., Cooperative grain trade opportuni 85-12008
- Eastern Asia. 85-13508
- Eastern Gulf of Alaska, Isopach map of Holocene se 85-12805
- Eastern Pacific Ocean Tuna Fishing Agreement, Sign 85-12574
- Ebeys Landing National Historical Reserve :the la 85-12942
- ECIA case studies of Chapter 2 in selected states 85-12471
- Economic development : 85-13792
- " impacts of policy changes :a comparison / 85-11985
- " outlook / 85-13760
- " outlook :, The 1984 midyear 85-13805
- " policy analysis /, Import quotas on texti 85-12531
- " report of the President transmitted to th 85-13496
- " report of the President transmitted to th 85-13681
- " structure and policy interventions /, The 85-11980
- " studies of residential photovoltaics, Syn 85-13350
- " study of unbleached kraft paperboard prod 85-11935
- Economic Base of the Nation, Develop Human Resourc 85-12596
- economics., Home 85-12551
- economy :, Health care costs and their effects on 85-13806
- " :, Medical research and its impact on the 85-13781
- " :November 22, 1984., The medium-term outlo 85-13520
- " of trading in futures and options /, A Stu 85-13766
- " Minerals in the world 85-12941
- " Preprint from the ... Bureau of Mines Mi 85-12941
- Ecuador., Background notes, 85-13527
- ECUT energy conversion and utilization technologie 85-13338
- " energy conversion and utilization technologie 85-13235
- ed /, Educational technology in voc 85-12435
- " /, Volunteers and voc 85-12438
- EDB) :, Alternatives to ethylene dibromide ( 85-13769
- Eddystone Rocks /to Isle of Portland and Pointe de 85-12174
- Edge analyzing properties of center/surround respo 85-13094
- " extensions on thick delta wings, An analytica 85-13429
- Edit/validation criteria 85-12225
- " /validation criteria., Defense Integrated Data 85-12225
- " /validation criteria, D.I.D.S. procedures manu 85-12225
- " /validation criteria, DIDS procedures manual. 85-12225
- education /, A collaborative model to identify and 85-12466
- " /, An analysis of fiscal policy alternat 85-12428
- " :overview and summary /, Careerings afte 85-12458
- " :, Science and math 85-13924
- " :a guide to the resources /, Microcomput 85-12461
- " :an analysis of institutions and degree 85-12465
- " and Labor during the ... Congress., Repo 85-13689
- " and Labor, House of Representatives /, B 85-12534
- " and teaching /, The use of research know 85-12473
- " and youth employment /, Vocational 85-12440
- " I /, Leadership 85-12381
- " :imperative for excellence /, Secondary 85-12431
- " in Boy Scouts /, Making good boys better 85-12464
- " in home equity conversion for a rural st 85-12721
- " laws ... as amended through December 31, 85-13812
- " of Chinese American children :a film stu 85-12470
- " planning guide., Beyond high school :the 85-12308
- " :practices and priorities /, Public serv 85-12460
- " program :a career opportunity for you., 85-12363
- " program :a career opportunity for you., 85-12364
- " reported in 1983 /, Research on mathemat 85-12472
- " resources., Community health 85-12706
- " :the University of Utah's collaborative 85-12467
- " and related agencies appropriations for 85-13778
- " and Related Agencies for the Fiscal Yea 85-12636
- " Current awareness in patient 85-12700
- " Current awareness in school health 85-12701
- Education Amendments of 1984. 85-12590
- Educational technology in voc ed / 85-12435
- educators., Overseas employment opportunities for 85-12140
- EEO : el compromiso del Servicio Postal para cumpli 85-13476
- EEO :USPS' commitment towards fulfillment of caree 85-13476
- EER-2) : final report /, Demonstration and evaluat 85-12723
- EET high-lift research model in Langley 4- by 7-me 85-13042
- effect of agricultural policy on production and tr 85-11990
- " of boattail geometry on the aeroacoustics o 85-13113
- " of substrate chemical pretreatment on the t 85-13047
- " of the 1985 Increase in the Federal Unemplo 85-12625
- " of vortex generators on the power conversio 85-13062
- effective leading edge extensions on thick delta w 85-13429
- " metallization system for solar cells, De 85-13345
- " teaching of writing :phase I : final rep 85-12453
- " teaching to preservice/inservice teacher 85-12466
- " transfer and implementation of highway m 85-13594
- " transit marketing aids /, Transit market 85-13585
- effectiveness evaluation and utilization demonstra 85-12339
- " of a catalytic combustion device on 85-12504
- " of domestic firefighting forces (H.R. 85-13069
- effects criteria for fresh recreational waters /, 85-12484
- " of altering jet fuel properties on refiner 85-13392
- " of chemical releases by the STS-3 orbiter 85-13171
- " of federal income tax policy on U.S. agric 85-13809
- " of fuel properties in turbine-powered busi 85-13388
- " of land-use conversion on water runoff and 85-11967
- " of partly-cloudy skies on solar and emitte 85-13218
- " of sewage sludge on corn silage and animal 85-12488
- " of solar incidence angle over digital proc 85-13371
- " of spacecraft reflections on RF interferom 85-13413
- " of surface chemistry on hot corrosion life 85-13398
- " of tailings basins on the hydrology of San 85-12790
- " of the fuelwood market on wood-using indus 85-11920
- " of therapy for primary neoplasms on the de 85-12666
- " of tracked vehicle activity on higher vert 85-12329
- " of United States restrictions on Hong Kong 85-12531
- " of voltage control in utility interactive 85-13318
- " of weather and physiographic conditions on 85-11904
- " on confined turbulent flow, Swirl, expansi 85-13425
- " on dual jets in a crossflow, Real jet 85-13361
- " on graphite-epoxy composite materials, Spa 85-13088
- " on mood :the role of light /, Seasonal 85-12708
- " on pressure loss and turbulence characteri 85-13093
- " on radar back-scattering from the ionospe 85-13204
- " on the economy :, Health care costs and th 85-13806
- " on the economy of trading in futures and o 85-13766
- " on the South Platte River, Denver metropol 85-12791
- " on thermal barrier coating burner rig life 85-13056
- " , Simplified composite micromechanics equat 85-13066
- efficiency evaluation of mercury-trapping media fo 85-12515
- " of aircraft gearboxes, An analytical me 85-13074
- " of nonstandard and high contact ratio i 85-13081
- " of solar-thermal cavity receivers, Seco 85-13320
- efficient approximate factorization implicit schem 85-13110
- " coding for an electronic mail system, Th 85-13227
- " procedure /, Understory vegetation inven 85-11895
- " residence (EER-2) : final report /, Demo 85-12723
- " systems for residential structures :th 85-12723
- efforts to control asbestos hazards :, Federal 85-13831
- Egedesminde /, Greenland-west coast, Nordra StrOm 85-12180
- egg grading and egg products inspection programs / 85-11973
- " products inspection programs /, List of plants 85-11973
- Egg Products Inspection Amendments of 1983; exempt 85-13770
- Egypt, Report on mineral resources geophysics prog 85-12838
- eigenvalues for the stability of couette flow, Com 85-13179
- Eighteenmile Wilderness study area p (ID-43-3), Le 85-12834
- eighties, current research, and long-term forecast 85-11994
- EIS, eastern and south-central Utah — Sunnyside ST 85-12730

- el compromiso del Servicio Postal para cumplir los  
elastic and strength properties of T300/5208 graph  
elbow /, The Boston  
elderly /, Consumer fraud and the  
" and handicapped in Seattle., Priority acce  
electric field changes from lightning, Correlated  
" generating units :1983-1992., Status of c  
" power /, Regional  
" utility power generation, Evaluation of g  
" vehicles, Performance of the Lester batte  
Electric Corporation., Safety evaluation report re  
electrical armament circuits., Study manual phase  
" hazards, reference text /, Common sense  
" safety :electrical hazards, reference t  
" test stand, United Manufacturing Compan  
" Personnel qualification standard for  
" Personnel qualification standard for  
electricity and electronics A-100-0010 /, Module 4  
" and electronics A-100-0010 /, Module 5  
" and electronics training series., Navy  
" electronics, and electrical armament  
electrochemical materials for aerospace flight, An  
electromagnetic scattering, September 25, 1983 to  
electron density irregularities near 500 KM - equa  
" lasers", "Long range coherence in free  
electronic mail system, The development of efficie  
" voltmeters AN/URM-145 (Boonton, model 9  
" warfare operations., Personnel qualif  
" warfare systems specialist (AFSC 32853)  
electronics A-100-0010 /, Module 4.0, variational  
" A-100-0010 /, Module 5.0, DC parallel  
" training series., Navy electricity and  
" , and electrical armament circuits., St  
electrophoresis performance, Analysis of  
Electrostatic augmentation of fabric filtration r  
" fields /, Galactic heavy-ion shieldi  
electrostatically stimulated fabric filtration /,  
element machine, Design, development and use of th  
" mesh generator, Parameter studies of gear  
" method, High speed inviscid compressible f  
" thermal-structural analysis of cable-stiff  
" 3DPNS algorithm for subsonic flow, Progres  
elementary and secondary education :a guide to the  
elements /, Correlation of coal properties with en  
" in low-level wastes :annual report /, Org  
" of the Kentucky and Tennessee region, A c  
Eleutherodactylus guentheri and closely related sp  
elevator for Boeing 727 aircraft, Advanced composi  
Eliminate Restrictions with Respect to the Imposit  
Elko County, Nevada, Preliminary geologic map of t  
Elliptical orbit performance computer program  
em dados do LANDSAT no periodo de 1973 a 1981, Lev  
Embedded cavity drag in steady and unsteady flows  
" operating system project, The  
emergency and major-disaster declarations., Govern  
" evacuation /, Offshore installations  
" programs :READEO : Regional Emergency An  
" room manual.  
emerging patterns of response and action in ECIA c  
emission from supernova remnants and other non-equ  
emissions /, Candidate sampling and analysis metho  
" summary of comments and responses., Met  
" using improved secondary combustion /, C  
emitted radiations, Local effects of partly-cloudy  
Empedrado WSA, Ignacio Chavez WSA, La Lena WSA,  
Oj  
Empirical estimates of amenity forest values :a co  
" yields of timber and forest biomass in t  
employee health and safety at the General Dynamics
- 85-13476  
85-13280  
85-13752  
85-13799  
85-13595  
85-13084  
85-12419  
85-13830  
85-13160  
85-13315  
85-13710  
85-12340  
85-12906  
85-12906  
85-12295  
85-12348  
85-12356  
85-12336  
85-12337  
85-12346  
85-12340  
85-13438  
85-13447  
85-13118  
85-13285  
85-13227  
85-12283  
85-12353  
85-12391  
85-12336  
85-12337  
85-12346  
85-12340  
85-13172  
85-12512  
85-13127  
85-12516  
85-13178  
85-13077  
85-13262  
85-13300  
85-13182  
85-12461  
85-12507  
85-13743  
85-13411  
85-13547  
85-13137  
85-12629  
85-12813  
85-13148  
85-13384  
85-13192  
85-13239  
85-12527  
85-13910  
85-12005  
85-13646  
85-12471  
85-13428  
85-12509  
85-12522  
85-12505  
85-13218  
85-12968  
85-11941  
85-11907  
85-13815
- employees /, Challenge, change, and achievement :t  
" /, Placement programs for displaced fede  
" of public schools and certain tax-exempt  
Employers quarterly federal tax return., Magnetic  
employment /, Vocational education and youth  
" and the minimum wage /, Youth  
" and unemployment /, Geographic profile  
" comes of age :practice and potential.,  
" in the United States, 1971-79., Justice  
" opportunities for educators., Overseas  
" opportunity in the United States Postal  
" profile highlights., HRSA significant  
" statistics., Affirmative  
" training /, Vocational rehabilitation i  
enacted by the 98th Congress., Handbook on the Com  
encapsulants, Investigation of test methods, mater  
" , Investigation of test methods, mater  
encapsulation, Application of image processing tec  
encountered in the Rocky Mountains /, An aid to id  
end ring, and mid ring segments of the space shutt  
ended ..., Annual report of the Securities and Exc  
" September 30, 1983 :report to the Congress o  
enemy use., Procedure for destruction of tow heavy  
Energy  
" and water development appropriations for fi  
" conversion and utilization technologies pro  
" conversion and utilization technologies pro  
" conversion subsystem for paraboloidal dish  
" conversion systems, 1982-1983, Basic and ap  
" efficient residence (EER-2) : final report  
" efficient systems for residential structu  
" research and development programs—fiscal ye  
" study of the meso B-scale storm environment  
" upgraded automobile gas turbine engine, Col  
" , CFR. 10,  
" , Code of federal regulations. 10,  
Energy (Defense Programs) /, Nomination of William  
Energy ECUT Biocatalysis Research Activity, Indust  
Energy Reorganization Act of 1974., An Act to Auth  
enforcement and interdiction /, Federal drug law  
" of the Animal Welfare Act by the Anima  
" procedures, part 190 : natural gas, pa  
" procedures, part 190 : natural gas par  
" , Law  
engagement mechanism (REM) stress and fracture ana  
engine alloys after long-term aging at 760  
" as an energy conversion subsystem for parab  
" driven, 2 wheel, pneumatic tires, 3 to 10 t  
" for static and flight tests /, Study of sta  
" fuels, Evaluation of dissociated and steam-  
" mechanic (AFSC 42654) /, F-100 jet  
" with post-stall capability, Development of  
" , Cold-air performance of compressor-drive t  
" , Programmed text :T-53-L-13 gas turbine  
" , 3 wheel, 10 ton, w/scarifier and sprinkler  
" , 3 wheel, 10 ton, w/scarifier and sprinkler  
Engineering.  
" and Technical Systems, Summary of acti  
" doctorates., Science and  
" for wastewater treatment works /, Valu  
" model 4311B option 3., Calibration pro  
" qualification section 9, auxiliary., P  
" —geologic maps of northern Alaska, Look  
" , R & D funds., Academic science/  
" , R and D funds, Academic science/  
" , Status of research at the Institute f  
" , 1978 /, Selected characteristics of p  
Engineering Development Acts /, Magnetohydrodynami
- 85-12986  
85-13914  
85-13572  
85-13581  
85-12440  
85-13810  
85-13012  
85-13698  
85-13007  
85-12140  
85-13476  
85-12715  
85-13487  
85-12437  
85-12989  
85-13336  
85-13341  
85-13226  
85-11950  
85-13167  
85-13542  
85-12533  
85-12265  
85-12560  
85-13774  
85-13235  
85-13338  
85-13313  
85-13260  
85-12723  
85-12723  
85-13818  
85-13139  
85-13051  
85-12560  
85-12560  
85-13788  
85-13259  
85-12606  
85-13911  
85-13771  
85-13638  
85-13639  
85-12543  
85-13354  
85-13061  
85-13313  
85-12255  
85-13460  
85-13157  
85-12398  
85-13053  
85-13051  
85-12313  
85-12256  
85-12257  
85-13483  
85-13247  
85-13475  
85-12520  
85-12277  
85-12354  
85-12809  
85-13474  
85-13474  
85-13187  
85-12044  
85-13819

- engines (MATE) :Project 3 design, fabrication and 85-13399  
 " (MATE) :project 3 design, fabrication and 85-13400  
 " .. Installation of fuel flowmeters in small 85-13610  
**English Channel**, Eddystone Rocks to Isle of Portla 85-12174  
 " .. Worthing to Dover and Courseulles 85-12175  
**English Channel-North Sea**, Dover to Orford Ness an 85-12176  
**English-speaking** students from Spanish-speaking ba 85-12468  
**Enhanced** coal technology : 85-13823  
**enhancement** techniques for the development of a se 85-13151  
**enough** :Public Health Service nurses., Who cares 85-12646  
**Enrico Fermi Atomic Power Plant**, Unit no. 2, docke 85-13707  
**enrollments** :1972-73 and 1981-92 / , A trend study 85-12442  
**Enter** into Contracts or Cooperative Agreements wit 85-12585  
**entertainment**, and gift expenses., Travel, 85-13567  
**enthalpies** of CuBr / , High-temperature relative 85-12907  
**entitled** an experimental study of the properties o 85-13441  
 " .. Petrologic and, Final technical report f 85-13414  
**entry** market :a case study of Washington, D.C. / , 85-13587  
**environment** :a view from active-duty missile maint 85-12409  
 " .. and Public Works, United States Senate 85-13671  
 " .. during AVE-SESAME V (20-21 May 1979) / 85-13139  
 " .. for space shuttle (STS-13) launch, Atm 85-13041  
 " .. , and the Upper Mississippi River Basin 85-12326  
 " .. , miscellaneous ;. Health and the 85-13827  
 " .. , miscellaneous ;. Health and the 85-13828  
**environmental** assessment., Albuquerque District wi 85-12963  
 " .. assessment., Las Cruces District wil 85-12965  
 " .. assessment., Proposed 1984 plan amen 85-12964  
 " .. assessment : Algonquin Gas Transmiss 85-12418  
 " .. consideration for development, and e 85-12837  
 " .. control technology needs for sulfur 85-12507  
 " .. effects, Simplified composite microm 85-13066  
 " .. factors affecting yields of major di 85-12741  
 " .. features for land management decisio 85-13379  
 " .. impact of land treatment of hazardou 85-12494  
 " .. impact statement / , Proposed John Da 85-12728  
 " .. impact statement., Scoping the Utah 85-12731  
 " .. impact statement., Westmoreland Reso 85-12732  
 " .. impact statement : Medicine Bow Nati 85-11947  
 " .. impact statement on the Circle Cliff 85-12727  
 " .. impact statement related to decontam 85-13704  
 " .. policy ;. U.S. international 85-13858  
 " .. research and development :a cooperat 85-13761  
 " .. satellite imagery, Cloud cover typin 85-13316  
 " .. statement related to the operation o 85-13714  
 " .. statement related to the operation o 85-13715  
 " .. support specialist (AFSC 56651) / 85-12399  
 " .. , health, and safety assessment of ph 85-13327  
 " .. , safety., Personnel qualification st 85-12349  
**Environmental Health Sciences**, Extramural resear 85-12681  
**environments** :draft / , Teaching severely handicapp 85-12455  
**EPA** method study 16, method 606, phthalate esters 85-12502  
**epidemiology** homestudy course 3030-G., Principles 85-12699  
 " .. :principles of epidemiology homestudy 85-12699  
**epoxies**, An investigation of chemically-induced im 85-13099  
**equal** employment opportunity in the United States 85-13476  
**equations** arising in combustion chemistry / , Compa 85-13467  
 " .. for strength, fracture toughness, impact 85-13066  
 " .. of gasdynamics, An efficient approximate 85-13110  
 " .. , Construction of finite difference schem 85-13311  
**equator** to polar cap topside sounder Z mode observ 85-13118  
**equipment** / , Borehole logging for radium-226 :reco 85-13726  
 " .. ;. Disposal of usable 85-13786  
 " .. data., New 85-12330  
 " .. for power plant cooling / , Appraisal stu 85-12901  
 " .. improvement report and maintenance diges 85-12289  
 " .. improvement report and maintenance diges 85-12290  
 " .. improvement report and maintenance diges 85-12291  
 " .. improvement report and maintenance diges 85-12292  
 " .. improvement report and maintenance diges 85-12293  
 " .. improvement report and maintenance diges 85-12294  
 " .. items for geophysical fluid flow models, 85-13163  
 " .. (Jan thru June - 1st half CY 84), Equip 85-12292  
 " .. (Jan thru June - 1st half CY 84), Equip 85-12293  
 " .. operator/specialist (AFSC 30456) / , Spac 85-12388  
 " .. repairman (AFSC 42153) / , Aerospace grou 85-12395  
 " .. technician (AFSC 30270) / , Weather 85-12387  
 " .. technician (AFSC 32470) / , Precision mea 85-12390  
 " .. , canvas and glass shop, shelter mounted 85-12267  
 " .. , School administration, buildings and 85-12548  
 " .. , (second quarter, CY 1984), Equipment i 85-12290  
 " .. , Welding repair to hydraulic 85-12904  
**equity** conversion for a rural state :final report 85-12721  
**erosion** using a video camera and proximity sensor 85-13088  
 " .. , Effects of land-use conversion on water 85-11967  
**error** control in byte organized computer memory sy 85-13359  
 " .. control", "On the undetected error probabi 85-13279  
 " .. latency estimation using functional fault mo 85-13230  
 " .. probability of a concatenated coding scheme 85-13279  
**errors** in meteorological Doppler/interferometer lo 85-13412  
**Eruptions** of Mount St. Helens :past, present, and 85-12735  
 " .. es Salaam to Mombasa Harbor / , Indian Ocean, Afric 85-12194  
**ESL** instruction for adult immigrants from North & 85-12449  
**Esmeralda-Southern Nye** planning area :wilderness t 85-12957  
**essay** competition., Essays on strategy :selections 85-12222  
**Essays** on strategy :selections from the 1983 Joint 85-12222  
**essential** for the origin of life, Investigation of 85-13250  
**establish** a National Commission on Agricultural Tr 85-13878  
 " .. , and manage Indiangrass., Indiangrass :w 85-11957  
**Establish Uniform Audit Requirements** for State and 85-12583  
**establishing** intensively cultured hybrid poplar pl 85-11918  
 " .. the validity of abilities learned in 85-12458  
**establishment** in the Keating Uniform Shrub Garden 85-11922  
 " .. of Centers for Research and Demonstr 85-12605  
 " .. of the Congaree Swamp National Monum 85-12586  
 " .. of the Russell Lakes Waterfowl Manag 85-12609  
 " .. of the Task Force on Organ Transplan 85-12587  
**Estate** of a Deceased Osage Indian Who Did Not Poss 85-12612  
**esters** / , EPA method study 16, method 606, phthala 85-12502  
 " .. of 2,4-dichlorophenoxyacetic acid / , Terato 85-12486  
**estimates** for 1982 / , Major uses of land in the Un 85-11998  
 " .. of amenity forest values :a comparative 85-11941  
 " .. of undiscovered recoverable oil and gas 85-12837  
 " .. , by states., Citrus fruits. Revised 85-11851  
**estimating** total and merchantable tree heights / , 85-11916  
**Estimation** of the weight and consumer price of lat 85-13629  
 " .. using complex SAR data, A novel algorit 85-13225  
 " .. using functional fault modeling, Error 85-13230  
**estimator** / , A Monte Carlo comparison of the recov 85-13143  
**Estimators** and characteristics of logging residue 85-11903  
 " .. for thinned second-growth ponderosa pin 85-11921  
**ether** and isoctyl esters of 2,4-dichlorophenoxyac 85-12486  
**ethnography** of Olympic National Park, Washington / 85-12946  
 " .. ethylene and other major primary olefins, and cert 85-12974  
 " .. dibromide (EDB) ;. Alternatives to 85-13769  
**eurolepis** / , Biomass production of 12-year-old int 85-11919  
**Europe**. 85-13509  
 " .. ;. The United States and 85-13849  
 " .. , Cooperative grain trade opportunities in 85-12008  
**evacuation** ;. Offshore installations emergency 85-13910  
**evaluate** environmental impact of land treatment of 85-12494  
**evaluating** economic impacts of policy changes :a c 85-11985  
 " .. LANDSAT-4 MSS and TM data, CCRS pro- 85-13422  
 " .. , prehospital care., Computerized algorit 85-13628  
 " .. spruce budworm populations : September 85-11938  
**evaluation** and utilization demonstration of a low 85-12339

- " methods /, Needs assessment summary :co 85-12446  
 " of a fault-tolerant multiprocessor (FTM) 85-13194  
 " of an oxide dispersion strengthened she 85-13399  
 " of an oxide dispersion strengthened she 85-13400  
 " of dissociated and steam-reformed metha 85-13157  
 " of energy efficient systems for residen 85-12723  
 " of environmental factors affecting phiel 85-12741  
 " of gas-cooled pressurized phosphoric ac 85-13160  
 " of HiMAT aircraft landing approach late 85-13085  
 " of mercury-trapping media for the SASS 85-12515  
 " of methods to investigate truck tire we 85-13634  
 " of natural- and forced-draft staging ai 85-12510  
 " of performance proving for fault-tolera 85-13150  
 " of radiometric and geometric characteri 85-13386  
 " of radionuclide geochemical information 85-13734  
 " of salinity control programs in the Col 85-12902  
 " of spatial, radiometric and spectral th 85-13242  
 " of spatial, radiometric and spectral th 85-13420  
 " of the ability of Navy hospital corpse 85-12343  
 " of the directed flow graph methodology, 85-13269  
 " of the HARDMAN comparability methodolog 85-13321  
 " of thermal data for geologic applicatio 85-13234  
 " of two polyimides and of an improved li 85-13076  
 " of water hammer occurrence in nuclear p 85-13709  
 " program analysis of the Calvert Cliffs 85-13729  
 " report, fiscal year 1982, Solar parabol 85-13229  
 " report related to the full-term operati 85-13710  
 " report related to the operation of Call 85-13708  
 " report related to the operation of Cata 85-13711  
 " report related to the operation of Coma 85-13706  
 " report related to the operation of Enri 85-13707  
 " report related to the operation of Wate 85-13705  
 " report, Solar parabolic dish technology 85-13314  
 " report :weed science, agricultural chem 85-11965  
 " studies, Compendium of HHS 85-12637  
 " , LANDSAT 4 band 6 data 85-13365  
 " , LANDSAT 4 band 6 data 85-13375  
 " , LANDSAT-4 thematic mapper modulation t 85-13377  
 evaluations /, MicroSIFT courseware 85-12462  
 " : Federal 85-12537  
 event upset (SEU), A guideline for heavy ion radia 85-13319  
 evidence /, Shoe and tire impression 85-12997  
 Environmental assessment and overview of biotechnol 85-12511  
 evoked experimentation, The VERRUN and VERNAL 85-13197  
 soft 85-12533  
 Examination of the financial statements of the Exp 85-11991  
 examining investment in agriculture /, An analytic 85-13733  
 examples for hydrogen-air mixtures /, Detonation c 85-12431  
 excellence /, Secondary vocational education :impe 85-13010  
 " , Hispanics, a part of America's 85-13584  
 Excerpt, (general information) from (Your guide to 85-11954  
 exchange of rural youth programs between the U.S.A 85-13542  
 Exchange Commission for the fiscal year ended ..., 85-13093  
 exchangers, Reynolds number effects on pressure lo 85-13640  
 executive summary /, Lower Mississippi River regio 85-12120  
 executives /, International countertrade :a guide 85-13770  
 exempt restaurant central kitchens from federal in 85-13820  
 exemptions; and assistance to volunteer groups ; 85-12655  
 Exercise and your heart / 85-12503  
 exhaust /, Studies of particulate removal from die 85-12006  
 exhibition poultry, and game birds, National poul 85-12006  
 " poultry, and game birds, Directory of p 85-13128  
 Exobiology Program for 1983 :a special bibliography 85-12596  
 Expand the Economic Base of the Nation, Develop Hu 85-13004  
 Expanding knowledge in criminal justice :publicati 85-13942  
 expansion for U.S.-produced wine ;, Market 85-13425  
 " ratio and blockage effects on confined t 85-13007  
 expenditure and employment in the United States, 1 85-11977  
 expenditures /, Farm production
- " /, Food consumption, prices, and 85-11852  
 expenses., Travel, entertainment, and gift 85-13567  
 experience /, Electrostatic augmentation of fabric 85-12512  
 " is worth more to you now., Veterans :yo 85-12305  
 experiment stations and other cooperating state in 85-11875  
 experimental and theoretical investigation of depo 85-13463  
 " investigation of gas jets in confined 85-13141  
 " studies of the source of atmospheric 85-13436  
 " study of the properties of surface pr 85-13441  
 experimentation, Presentation of opportunities for 85-13270  
 " , The VERRUN and VERNAL software sy 85-13197  
 experiments aboard a space station, Feasibility st 85-13454  
 " in control of flexible structures with 85-13423  
 " in viscous fluid media, Impact 85-13222  
 explanation of the revenue provisions of the Defic 85-13935  
 explicit difference schemes for hyperbolic conserv 85-13181  
 exploration, Study of LANDSAT-D thematic mapper pe 85-13367  
 Exploring parenting / 85-12720  
 explosion and fires, East Boston, Massachusetts, S 85-13591  
 export market profile /, Cameroon :an 85-11981  
 " opportunities : 85-13928  
 " promotion programs and prospects ;, U.S. fi 85-13851  
 Export-Import Bank of the United States for the fi 85-12533  
 Export Policy ;, To establish a National Commissio 85-13878  
 exports /, Australian beef production and 85-11997  
 " /, Cargo preference and U.S. wheat 85-11989  
 " to the People's Republic of China ;, Contr 85-13850  
 " , Drawback :a duty refund on certain 85-13556  
 " Schedule E commodity groupings by world a 85-12042  
 exposed to diethylstilbestrol in pregnancy /, A fo 85-12670  
 exposure criteria for lead /, Optimum sampling sit 85-12521  
 Extend the Authorities of That Act for Assistance 85-12589  
 " the Programs of Assistance Under Titles X a 85-12591  
 Extend Provisions of the Public Health Service Act 85-12605  
 Extend Through September 30, 1988, the Period Duri 85-12578  
 extended d(min) = 4 RS code", "An 85-13282  
 " NASA-Langley Vortex Lattice FORTRAN 85-13046  
 Compu 85-13281  
 " single-and-double-error-correcting Reed S 85-12514  
 extension of applicability of low-emission, high-e 85-13253  
 " , Manned geosynchronous mission requireme 85-11953  
 Extension Service /, A Catalyst for change :the 85-13429  
 extensions on thick delta wings, An analytical des 85-12087  
 extraction /, A review of supercritical fluid 85-12681  
 Extramural research and training programs of the N 85-12651  
 Extramural Programs of NIH., Information and instr 85-13784  
 extraordinary actions to reform contracts of the D 85-12692  
 extremity injuries /, An X-ray screening protocol 85-12452  
 eye-movement contingent stimulus control /, Instru 85-12256  
 E1012M., Organizational maintenance repair parts a 85-12257  
 " , w/sprinkler only, NSN 3895-00-902-8455., D
- F
- F-4C/D: APQ-109/APA-165), (AFSC 32172P) /, 85-12389  
 Weapon 85-13199  
 F-14 modeling study 85-13125  
 F-16 airplane with initial decoupler pylon /, Grou 85-12398  
 F-100 jet engine mechanic (AFSC 42654) / 85-13617  
 FAA directory / 85-12516  
 fabric filtration /, Cost and performance models f 85-12512  
 " filtration :reverse-air pilot unit experien 85-13399  
 fabrication and evaluation of an oxide dispersion 85-13400  
 " and evaluation of an oxide dispersion 85-13393  
 " development for ODS-superalloy, air-co 85-13064  
 Fabry-Perot interferometer, Three component veloci 85-13299  
 face-to-face and side-by-side microphone arrange

- Facilitate Commercial Space Launches, and for Other facilities** /, Recommendations for quality assurance 85-12611  
 /, Report on survey of U.S. shipbuilding 85-12686  
 /, Federal assistance to states to prevent 85-13644  
 for central North Carolina, Improved for 85-13897  
 for meteorological research at the NASA 85-11877  
 partially supported by the National Science Foundation 85-13083  
 Summary of research programs and 85-13471  
 description report /, BWR Full Integral System 85-12954  
 for accelerated service testing, Correlation 85-13718  
 A comparison of two photogrammetric algorithms 85-13604  
 Measurement of transmission loss characteristics 85-13102  
 Video model deformation system for the 85-13216  
 book of U.S. agriculture. 85-13092  
 book of US agriculture 85-11854  
 finder, the Census Bureau's your introduction 85-11854  
 sheet for the Survey of Income and Program Participation 85-12017  
 analysis of the chemistry of Spanish moss / 85-12018  
 and its application to an internal flow problem 85-12743  
 factorization implicit scheme for the equations of 85-13068  
 affecting supply, demand, and prices of U.S. 85-13110  
 affecting yields of major dissolved ions of 85-12000  
 critical to implementation in Air Force tests 85-12741  
 critical to the implementation of self-paced 85-12410  
 in the education of Chinese American children 85-12411  
 that affect the fatigue strength of power 85-12470  
 and selection test performance related to 85-13048  
 facts for one-hundred-six gravity stations near the 85-13618  
 failure of Ni-Cr-Al overlay coatings, Modeling design 85-12807  
 Programmed text: gyrocompass 85-13057  
 Fair Reduction in Force Practices Act of 1984: 85-12311  
 fall 1983 /, Status of dry SO<sub>2</sub> control 85-13912  
 1983 /, The American freshman: national norms 85-12513  
 families: violence and abuse in American 85-12457  
 Family planning. 85-13793  
 planning and infertility: United States, 19 85-12552  
 planning grantees, delegates & clinics. 85-12690  
 Family Living Amendments of 1983: Community and 85-12687  
 fan, blowers, compressors, air pumps and vacuum pumps 85-13842  
 Fano /, North Sea, Denmark-Netherlands, West German 85-12979  
 farm legislation., Barley: background for 1985 85-12177  
 legislation., Corn: background for 1985 85-11870  
 legislation., Cotton: background for 1985 85-11870  
 legislation., Dairy: background for 1985 85-11869  
 legislation., Federal credit programs for agriculture 85-11867  
 legislation., History of agricultural prices 85-11873  
 legislation., Oats: background for 1985 85-11874  
 legislation., Peanuts: background for 1985 85-11866  
 legislation., Rice: background for 1985 85-11862  
 legislation., Sorghum: background for 1985 85-11863  
 legislation., Soybeans: background for 1985 85-11868  
 legislation., Sugar: background for 1985 85-11865  
 legislation., Tobacco: background for 1985 85-11871  
 legislation., Wheat: background for 1985 85-11861  
 operations and proposals for tax reform /, So 85-11860  
 policy to succeed the Agriculture and Food Act 85-11999  
 production expenditures / 85-13767  
 cooperative publications / 85-11977  
 Farmers Home Administration /, A Brief history of 85-12010  
 Farmington Creek, Davis County Experimental Waters 85-11972  
 farmland /, Improving U.S. 85-11937  
 farmlands of Graham County, Arizona /, Important 85-11872  
 Fast decoding of a (d,min) = 6 RS code 85-11964  
 decoding techniques for extended single-and 85-13283  
 initialization of spacecraft bubble memory system 85-13281  
 crack closure, Three-dimensional measurement 85-13103  
 crack growth specimen development, Mode II 85-13286  
 strength of power transmission shafting an 85-13078  
 faucets: investigation no. 337-TA-167., In the mat 85-13048  
 fault modeling, Error latency estimation using function 85-12982  
 fault-tolerant computers, Investigation, development 85-13230  
 multiprocessor (FTMP) computer, Development 85-13150  
 faults in Lincoln and Uinta Counties, Wyoming, and 85-13194  
 favorably reported by the Committee in the ... Conference 85-12812  
 FCC annual report 85-13884  
 Feasibility of ultrasonic and other methods for detection 85-12124  
 study to conduct windblown sediment examination 85-12506  
 detection to investigate thematic mapper data 85-13454  
 features for a network of heterogeneous autonomous 85-13381  
 for land management decisions, Identification 85-13117  
 of the UTPS program UROAD /, Transportation 85-1379  
 February 28, 1984 /, Aircraft accident report: Scale 85-13624  
 February 1983 with multiple loss of life: U.S. Coast 85-13589  
 Federal acquisition regulations system 85-13623  
 acquisition regulations system., Code of Federal 85-12568  
 acquisition regulations system, CFR, 48, 85-12568  
 activities on alcohol abuse and alcoholism 85-12714  
 agencies /, River information digest, 1985 85-12947  
 agencies' audit resolution procedures: 85-13865  
 alcohol-related activities., Report to the 85-12714  
 alcohol-related activities, Report to the 85-12714  
 assistance from HDS programs., Instruction 85-12719  
 assistance to states to prevent the abuse 85-13897  
 aviation regulations. Part 39, Airworthiness 85-13613  
 aviation regulations. Part 39, Airworthiness 85-13614  
 credit programs for agriculture: background 85-11873  
 domestic assistance., Update to the ... Ca 85-13503  
 drug law enforcement and interdiction: 85-13911  
 education laws ... as amended through December 85-13812  
 efforts to control asbestos hazards: 85-13831  
 employees /, Placement programs for displaced 85-13914  
 evaluations: 85-12537  
 firearms regulation., Excerpt, (general in 85-13884  
 government: a comparative analysis of 1980 85-13030  
 income tax policy on U.S. agriculture: T 85-13809  
 inspection requirements; and USDA's five-p 85-13770  
 milk order market statistics. Annual summary 85-11850  
 minerals royalty management: 85-13881  
 motor vehicle standards 108, 202, 204, and 85-13629  
 organization for technological innovation 85-13923  
 policy /, The market for wheelchairs: innova 85-13753  
 radio frequency management: revisions for 85-12114  
 regulations. 4, Accounts., Code of 85-12558  
 regulations. 7, Agriculture., Code of 85-12559  
 regulations. 10, Energy., Code of 85-12560  
 regulations. 14, Aeronautics and space., C 85-12561  
 regulations. 14, Aeronautics and space., C 85-12562  
 regulations. 16, Commercial practices, Co 85-12563  
 regulations. 43, Public lands, interior., 85-12564  
 regulations. 45, Public welfare., Code of 85-12565  
 regulations. 46, Shipping., Code of 85-12566  
 regulations. 47, Telecommunications., Code 85-12567  
 regulations. 48, Federal acquisition regul 85-12568  
 regulations. 49, Transportation., Code of 85-12569  
 regulations. 49, Transportation., Code of 85-12570  
 regulations. 50, Wildlife and fisheries., 85-12571  
 regulations. 50, Wildlife and fisheries., 85-12572  
 sector /, The 85-13493  
 stock number 4920-508-6345., Calibration p 85-12295  
 supply schedule: General Services Admini 85-13871  
 surplus personal property., Sale of 85-12555  
 tax forms, form letters, and notices, Cat 85-13557  
 tax return., Magnetic tape reporting for F 85-13581  
 Federal-Aid Highway Act of 1982: report of the Com 85-13671  
 Federal Aviation Administration directory 85-13617  
 Federal Aviation Administration (FAA) approved, in 85-13611  
 Federal Building and United States Courthouse in O 85-12615

# Federal Building

# Title Keyword Index

" and United States Courthouse in L 85-12616  
**Federal Employees' Compensation Act (FECA)** claims 85-13868  
**Federal Judgeship Act of 1984 to Make Technical Co** 85-12598  
**Federal Labor Relations Authority**, Decisions of t 85-13699  
 " , Decisions of t 85-13700  
**Federal Laboratory Consortium for Technology Trans** 85-12331  
**Federal Managers' Financial Integrity Act** : first y 85-12536  
**Federal Procurement Competition Enhancement Act of** 85-12613  
**Federal Railroad Administration** in the ... / , Summ 85-13605  
**Federal Regulations**, Regulations, part 5 : labor s 85-13016  
**Federal Republic of Germany**, Preprint from the .. 85-12923  
 " of Germany, Mineral industry of t 85-12923  
**Federal Reserve System**, The budgetary status of t 85-13945  
**Federal Trade Commission**, A Guide to the 85-12532  
**Federal Unemployment Tax Rate on Certain Small Bus** 85-12625  
 federally financed and assisted construction : tit 85-13016  
 fee exemptions; and assistance to volunteer groups 85-13820  
**feed ingredients**, TSUS items 184.10-184.85., Summa 85-12970  
**feedback** control systems via spectral assignment u 85-13241  
 " for criterion test., Conducting an initia 85-12705  
 " program., Food service data 85-12252  
**feeds and animal feed ingredients**, TSUS items 184. 85-12970  
**feet** in the conterminous United States and offshore 85-12822  
 " in the conterminous United States and offshore 85-12823  
**feller buncher production studies / Drive-to-tree** 85-11944  
**fellowships**, The White House 85-13495  
**fenceposts** : a progress report / , Service life of t 85-11923  
**Fertility of American women**. 85-12043  
**fertilizers**, other than nitrogenous, TSUS items 48 85-12975  
**FF-1052** class command and control qualification se 85-12351  
**fiber and silk (industry 2221)**, 1982 census of ma 85-12024  
 " communications link design in compliance wit 85-12116  
 " composite flexural specimens, Dynamic stress 85-13065  
 " composites, Progressive fracture of 85-13067  
**fiber-reinforced composite materials**, The mechanic 85-13188  
**fibrosis**, Cystic 85-12673  
**field changes from lightning**, Correlated measureme 85-13084  
 " contacts for the coordination of the use of 85-12125  
 " crops., Usual planting and harvesting dates 85-11876  
 " data, Potential utility of future satellite 85-13409  
 " from the space station, Observations of the 85-13120  
 " of study in college / , Occupational aspirati 85-12443  
 " recordings in the Archive of Folk Culture., 85-13018  
 " training workbook for quality assurance., De 85-12237  
**Field-aligned electron density irregularities near** 85-13118  
**fielding agreement** :M1 Abrams tank system between 85-12238  
**fields / Galactic heavy-ion shielding using elect** 85-13127  
 " , Canonical solutions for unsteady flow 85-13096  
 " , Large-scale interplanetary magnetic 85-13116  
 " , south-central Utah, Hydrologic reconnaissa 85-12826  
**fifteenth lunar and planetary science conference**, 85-13440  
**Fifth quarterly report on "Spectroradiometric cal** 85-13437  
**Fifth Parabolic Dish Solar Thermal Power Program A**,  
 Proceedings, 85-13333  
**fiftieth anniversary of the U.S. Department of Jus** 85-12985  
**filament wound case in the NSW Hydroballistics Fa** 85-13168  
**filiberts** : Increased duties on certain shelled 85-13846  
**files, IMPAC NIH** : a computer based information sy 85-12651  
**film cost effective metallization system for solar** 85-13345  
 " study / , Nonverbal factors in the education o 85-12470  
 " /radio/television., Media arts, 85-13469  
 " , radio, television, Media arts, 85-13469  
**films and soil stabilizers**, U.S./U.S.S.R. joint s 85-12899  
 " , Effect of substrate chemical pretreatment o 85-13047  
**filter compensation for switching regulators**, Inpu 85-13263  
 " study, Radar data smoothing 85-13161  
**filtering** for dealeasing NOSS wind direction data, 85-13207  
**filtration /**, Cost and performance models for elec 85-12516  
 " at Duluth / , Water 85-12489

" :reverse-air pilot unit experience / , E 85-12512  
**finance** statistics, 1960-83 / , Agricultural 85-11849  
**financed** and assisted construction : title 29, par 85-13016  
**Financial** assistance to Rockland County, NY, in th 85-13886  
 " characteristics of the housing inventory 85-12045  
 " investigative techniques money launderin 85-12993  
 " returns in the Lake States / , A new look 85-11897  
 " services industry and their impact on sm 85-13929  
 " statements of the Export-Import Bank of 85-12533  
**financing** : Current trends in the financial servi 85-13929  
 " , Alternative strategies for space statio 85-13443  
**finder**, the Census Bureau :your introduction to .. 85-12017  
**findings** : a report of the U.S. Merit Systems Prot 85-13030  
 " relevant to Unresolved Safety Issue A-1 / 85-13709  
**fine** as a criminal sanction / , Fines in sentencing 85-13001  
**Fines** in sentencing :a study of the use of the fin 85-13001  
**finest** tradition of neighbor helping neighbor., Th 85-12013  
**fingerprint** identification regional application o 85-12994  
**Finishing** mills, N.E.C. (industry 2269), 1982 cen 85-12025  
**finite** difference schemes having special propertie 85-13311  
 " element machine, Design, development and us 85-13178  
 " element mesh generator, Parameter studies o 85-13077  
 " element method, High speed inviscid compres 85-13262  
 " element thermal-structural analysis of cabl 85-13300  
 " element 3DPNS algorithm for subsonic flow, 85-13182  
**Finland**, Gulf of Bothnia / , Baltic Sea, Sweden and 85-12184  
 " , Mineral industry of 85-12921  
 " , Preprint from the ... Bureau of Mines Mi 85-12921  
**fire control** repairer, MOS 68J :skill levels 1/2 : 85-12271  
 " control technician B 3 & 2. 85-12347  
 " news / , Forest 85-11888  
**firearms** regulation., Excerpt, (general informatio 85-13584  
 " , State laws and published ordinances, 85-13583  
**firefighting** forces (H.R. 3726); and Congressional 85-13869  
**fires /**, The legal system, the U.S. Forest Service 85-11898  
 " , East Boston, Massachusetts, September 23, 1 85-13591  
**firewood** map., Colville National Forest 85-11883  
**first in deed**, First United States Army : 85-12129  
 " level program guide / , Nursing service admin 85-13647  
 " session / , Memorial addresses and other trib 85-13661  
 " year : December 3, 1984., The Stockholm conf 85-13518  
 " year preliminary report / , Applying research 85-12467  
 " year : report to the Congress / , Implementat 85-12536  
 " year results / , Fourwing saltbush establishm 85-11922  
**First United States Army** :first in deed. 85-12129  
**fiscal** impacts / , Use valuation of Louisiana's rur 85-11909  
 " indicators :a review of the literature / , N 85-11983  
 " policy alternatives for serving special pop 85-12428  
 " year ... : Allocation of budget totals for 85-13685  
 " year ended ..., Annual report of the Securi 85-13542  
 " year ended September 30, 1983 :report to th 85-12533  
 " year 1982, Solar parabolic dish annual tech 85-13229  
 " year 1983, and one revision to a previously 85-13675  
 " year 1984., Supplemental appropriations :co 85-13674  
 " year 1984 and amendments to the request for 85-13674  
 " year 1985 : , Agriculture, rural development 85-13776  
 " year 1985 : , Department of Defense authoriz 85-13787  
 " year 1985 : , Department of Energy research 85-13818  
 " year 1985 : , Departments of Commerce, Justi 85-13777  
 " year 1985 : , Energy and water development a 85-13774  
 " year 1985 : , Legislative branch appropriati 85-13779  
 " year 1985 budget authorization of Immigrati 85-13895  
 " year 1985 :House/Senate hearings, Committee 85-13558  
**Fiscal Responsibility Act of 1982 with Respect to** 85-12625  
**Fiscal Year 1985 to Carry Out the Natural Gas Pipe** 85-12576  
**Fiscal Year Ending September 30, 1985**, and for Oth 85-12636  
**Fish and Wildlife** in the Trinity River Basin, Cali 85-12601  
 " meal and oil, annual summary. 85-12105

- fisheries export promotion programs and prospects 85-13851  
 " CFR. 50, Wildlife and 85-12571  
 " CFR. 50, Wildlife and 85-12572  
 " Code of federal regulations. 50, Wildl 85-12571  
 " Code of federal regulations. 50, Wildl 85-12572  
 " Forestry/ 85-13484  
 " Wildlife and 85-12571  
 " Wildlife and 85-12572  
 Fisheries Committee., Report on the activities of 85-13682  
 fishery statistics survey. Pacific coast., Marine 85-12106  
 " statistics survey. Pacific coast., Marine 85-12107  
 five planted hardwood species with mechanical weed 85-11928  
 " southern California oaks identification and 85-11940  
 five-point program of inspection in livestock and 85-13770  
 five-year outlook report on science and technology 85-13925  
 fixed and variable (general), Calibration procedu 85-12281  
 fixture, Hewlett-Packard model 11715A., Calibratio 85-12278  
 flares, High resolution X- and gamma-ray spectrosc 85-13210  
 " The impulsive hard x-rays from solar 85-13452  
 flat plate and a cone /, On the design of an optim 85-12361  
 Flat-plate solar array project 85-13347  
 Flat-Plate Solar Array Project Research Forum on t 85-13334  
 floating assessment, plan, and handbook guide /, L 85-13641  
 " assessment, plan, and handbook guide :re 85-13640  
 flexible space structures, Reliability issues in a 85-13417  
 " space structures-VI, The Dynamics and con 85-13363  
 " structures with noncolocated sensors and 85-13423  
 flexural specimens, Dynamic stress analysis of smo 85-13065  
 flight /, Student workbook :human requirements of 85-12380  
 " controls, TH-55, Programmed text : 85-12312  
 " dynamics, Nonlinear problems in 85-13107  
 " inlet, Spinning mode acoustic radiation fro 85-13190  
 " instructor refresher clinics, Nationally s 85-13611  
 " test :data/analyses, Sikorsky S-76A helicop 85-13615  
 " tests /, Study of stator-vane fluctuating p 85-13460  
 " with an intermediate vehicle model, Optimal 85-13211  
 " 901, McDonnell Douglas DC-10-30, John F. Ke 85-13589  
 " A study of stress-free living bone and its 85-13176  
 " Annual report to National Aeronautics and 85-13438  
 " insurance study :city of Florence, Colorado, 85-12528  
 " insurance study :city of Liberty, Missouri, 85-12529  
 Floods of May 1978 in southeastern Montana and nor 85-12744  
 " on Tennessee River and Cypress and Little J 85-13762  
 flooring industry report to the Subcommittee on T 85-12981  
 floors a beam-spring analog /, Deflections of uni 85-11893  
 Florence, Colorado, Fremont County., Flood insuran 85-12528  
 Florida /, Soil survey of Manatee County, 85-11962  
 " /, Stand structure and yields of site-prep 85-11943  
 " /, Water resources and data-network assess 85-12748  
 " as the "Golden-Collum Memorial Federal B 85-12615  
 " Georgia, Maryland, North Carolina, South 85-12021  
 " May 1983, Potentiometric surface of the F 85-12818  
 " Proceedings of the Flat-Plate Solar Arra 85-13334  
 " Use of thermal inertia determined by HCMM 85-13369  
 " 1982 census of service industries. Geogr 85-12077  
 " 1982 census of wholesale trade. Geograph 85-12057  
 Floridan aquifer in central Sumter County, Florida 85-12818  
 " aquifer Southwest Florida Water Managemen 85-12821  
 flow /, An experimental investigation of gas jets 85-13141  
 " and boundary layer analysis to the hub-shroud 85-13055  
 " and contaminant transport using the determini 85-13720  
 " by the finite element method, High speed invi 85-13262  
 " fields, Canonical solutions for unsteady 85-13096  
 " graph methodology, An evaluation of the direc 85-13269  
 " in a channel /, FLUGM, a coupled thermal-hydr 85-13722  
 " induced vibration and safety/relief valve loa 85-13740  
 " models, Design and construction of equipment 85-13163  
 " past airfoils, Interacting boundary-layer sol 85-13195  
 " phenomena in spur and helical gears with modi 85-13079  
 " predictions, Confined turbulent swirling reci 85-13431  
 " problem, A semi-direct procedure using a loca 85-13068  
 " tunnel for a high lift model, A numerical stu 85-13152  
 " using different numerical codes, An investiga 85-13272  
 " Complex eigenvalues for the stability of cou 85-13179  
 " Progress on a generalized coordinates tensor 85-13182  
 " Swirl, expansion ratio and blockage effects 85-13425  
 " Transition to turbulence in plane channel 85-13209  
 Flowfield measurements in a model scramjet combust 85-13433  
 flowfields, On modeling dilution jet 85-13070  
 " Turbulence characteristics of swirling 85-13426  
 flowmeters in small airplanes with continuous-flow 85-13610  
 flows about arbitrary configurations using a highe 85-13136  
 " Acoustic shocks in a variable area duct con 85-13191  
 " Embedded cavity drag in steady and unsteady 85-13192  
 " Six-month progress report on an analysis of 85-13312  
 fluctuating pressures in a turbofan engine for sta 85-13460  
 fluctuations in strong adverse pressure gradient t 85-13441  
 fluid dynamic representation of tornadic double vo 85-13164  
 " dynamics numerical analysis, Manufacturing i 85-13435  
 " extraction /, A review of supercritical 85-12087  
 " flow models, Design and construction of equi 85-13163  
 " media, Impact experiments in viscous 85-13222  
 " particle size for drops and bubbles /, Unifi 85-13746  
 " transfer, On-orbit cryogenic 85-13063  
 fluidized bed for the production of high-purity si 85-13343  
 fluorescence of phytoplankton in non-homogeneous t 85-13353  
 " Containerless high temperature prope 85-13174  
 " Flowfield measurements in a model sc 85-13433  
 " Shot noise limited detection of OH u 85-13453  
 Flutter and forced response of mistuned rotors usi 85-13261  
 fly ash in highway construction /, The use of 85-13600  
 flying bark beetles /, A passive aerial barrier tr 85-11915  
 fog density /, X-ray measurements of water 85-13719  
 folded skin (sin x)/x interpolator, The Lanczos-pr 85-12832  
 Foley Federal Building and United States Courthous 85-12616  
 foliage protection achieved by aerial sprays direc 85-11879  
 Folk Culture., Washington field recordings in the 85-13018  
 following the accident at Three Mile Island ; Les 85-13922  
 followup study of mothers exposed to diethylstilbe 85-12670  
 fom NTIS, NCHSR reports available 85-12693  
 Food aid in Africa : 85-13862  
 " aid needs and availabilities /, World 85-11978  
 " consumption, prices, and expenditures / 85-11852  
 " distribution facilities for central North Car 85-11877  
 " for peace, annual report on Public Law 480. 85-11878  
 " habits analyses /, Microhistological techniqu 85-11910  
 " habits on two disturbed forest sites in centr 85-11906  
 " in containers in the Tropics /, Growing 85-11969  
 " irradiation ; The status of the technical in 85-13921  
 " service data feedback program. 85-12252  
 " supply and demand :implications for developme 85-11987  
 Food Act of 1981 ; Long-term farm policy to succe 85-13767  
 footwear industry ; Import relief for U.S. nonrub 85-13845  
 " industry ; State of the U.S. 85-13843  
 forage selection on Louisiana pine-hardwood sites 85-11908  
 Force Practices Act of 1984 ; Fair Reduction in 85-13912  
 forced response of mistuned rotors using standing 85-13261  
 " vibration analysis of rotating cyclic struc 85-13362  
 forced-draft staging air systems for nitric oxide 85-12510  
 forces :communication from the President of the Un 85-13673  
 " (H.R. 3726); and Congressional Budget Act A 85-13869  
 " policies, procedures, and information., Leg 85-12251  
 " pursuant to subsection 7 of Title V, Publi 85-13673  
 " Standard "B" ration for the armed 85-12266  
 Ford LTD retrofitted with Romeo-Kojyo and breed al 85-13633  
 forecasting decay in table grapes for storage., In 85-11968  
 " Consortium on Trade Research agricu 85-11994

- foreign affairs /, Science, technology, and  
 " countries ... annual summary, Climate imp 85-13524  
 " countries ... annual summary, Climate imp 85-12103  
 " currencies held by the U.S. government 85-12104  
 " currencies held by the U.S. Government, R 85-13582  
 " policy :December 12, 1984, South Asia and 85-13521  
 relations of the United States / 85-13515  
**Forensics** :when science bears witness. 85-12988  
**forest** /, Early postfire revegetation in a western 85-11894  
 biomass in the Southeast /, Empirical yield 85-11907  
 " fire news / 85-11888  
 " products industry :, Competitive conditions 85-13943  
 " research in the Southeast : 85-11891  
 " sites in central Arizona /, Pocket gopher f 85-11906  
 " statistics for the northern coastal plain o 85-11933  
 " values :a comparative review /, Empirical e 85-11941  
**Forest Service**, and human-caused wild fires /, The 85-11898  
**Forest Service Appeal Regulation** (36 CFR 211.18), 85-11889  
**forestry** resources and other remote sensing data, 85-13419  
 " /fisheries. 85-13484  
**forests** /, Documentation and preliminary validation 85-11905  
 " Research for tomorrow's 85-11946  
**form** letters, and notices., Catalog of federal tax 85-13557  
 " 941, Employers quarterly federal tax return., 85-13581  
**format** :workbook., Message preparation ACP 127 ( ) 85-12316  
 formation near the Moxa arch, southwestern Wyoming 85-12745  
 " , Oregon and California, Geologic map of 85-12814  
**Former Spouses** of Civil Service Retirees, and for 85-12634  
**forms**, form letters, and notices., Catalog of fede 85-13557  
**formula** /, The Pell grant 85-12441  
 " for a class of Markov reliability models, 85-13196  
**formulary** ., Phoenix Indian Medical Center :drug 85-12638  
**Fort Berthold Reservation**., An Act to Provide for 85-12626  
**Fort Collins** /, Biology of dwarf mistletoes :proce 85-11942  
**Fort Riley** :its historic past. 85-12233  
**Fossils**. 85-12546  
**fouling** measure devices, A survey of gas-side 85-13322  
**four** ice accretion shapes, Measurement of local co 85-13397  
 " new deferrals of budget authority for fiscal 85-13675  
 " tube-bundle heat exchangers, Reynolds number 85-13093  
**fourth** annual report /, Development of criteria fo 85-12514  
 quarterly report on "spectroradiometric ca 85-13383  
**Fourwing** saltbush establishment in the Keating Uni 85-11922  
**Foxboro**, model A127., Calibration procedure for hy 85-12285  
**fracture** analysis, Spartan release engagement mech 85-13354  
 " of ductile materials, Tensile 85-13276  
 " of fiber composites, Progressive 85-13067  
 " toughness, impact resistance and environm 85-13066  
**frames**, NSN 3990-01-128-0089 (linefast model, Oper 85-12263  
**framework** for examining investment in agriculture 85-11991  
 " plan summary., Price River Resource Area 85-12959  
**France**, Mineral industry of 85-12922  
 " , Preprint from the ... Bureau of Mines Min 85-12922  
**Fraser Experimental Forest** /, Effects of weather a 85-11904  
**fraud** /, Raising the stakes in carnival 85-12995  
 " and the elderly :, Consumer 85-13799  
**free** electron lasers", "Long range coherence in 85-13285  
 entry market :a case study of Washington, D.C 85-13587  
**Free Market Copyright Royalty Act** of 1983 :, The 85-13894  
**Freedom** of Information Act for attorneys and acces 85-13008  
 " of Information Act for attorneys and acces 85-13009  
 " of Information Reform Act :, The 85-13870  
**freezers** for medical use in remote geographic loca 85-13155  
 " for medical use in remote geographic loca 85-13159  
**freezing** melt flow in a channel /, PLUGM, a couple 85-13722  
**Fremont County**., Flood insurance study :city of Fl 85-12528  
**Frenchman** Unit of the Pick-Sloan Missouri River Ba 85-12579  
**frequencia** de cobertura de nuvens em dados do LAND 85-13384  
**frequencies**., Directory of field contacts for the 85-12125  
**frequency** management :revisions for September 1984 85-12114  
 " plug-in, Weinschel Engineering Company m 85-12262  
**frequency-time** broadcast services., WWVH : 85-12085  
**frequently** encountered in the Rocky Mountains /, A 85-11950  
**fresh** recreational waters /, Health effects critier 85-12484  
**freshman** :national norms for fall 1983 /, The Amer 85-12457  
**Fresno**, Madera, Mariposa, and Merced Counties, Cal 85-12417  
**Frisco Peak** quadrangle, Millard and Beaver countie 85-12894  
**from** Trust Estates to States or Political Subdivis 85-12581  
**frontier** formation near the Moxa arch, southwester 85-12745  
**frost** conditions., Pavement design for seasonal 85-12254  
**fruits** & nuts. Annual summary., Noncitrus 85-11974  
 " and nuts, Noncitrus 85-11974  
 " Revised estimates, by states., Citrus 85-11851  
**Fr Hood** and program manager MI Abrams tank system. 85-12238  
**FTMP** computer, Development and evaluation of a fa 85-13194  
**fuel** and dry air /, Combustion gas properties I-A 85-13465  
 " cells for electric utility power generation, 85-13160  
 " cycle, The Nuclear 85-12413  
 " flowmeters in small airplanes with continuous 85-13610  
 " properties in turbine-powered business aircra 85-13388  
 " properties on refinery costs and yields, Comp 85-13392  
 " sprays, Combustion characteristics in the tra 85-13430  
 " tax credits. 85-13566  
 " ?, Alcohol—bootleg 85-13620  
**fuel-injection**, reciprocating engines., Installati 85-13610  
**fuels** :proceedings of a conference held at NASA Le 85-13456  
 " , Evaluation of dissociated and steam-reforme 85-13157  
**fuelwood** in Colorado, 1980 /, Demand for commercia 85-11925  
 " market on wood-using industries in northe 85-11920  
**fulfillment** of career goals = EEO : el compromise 85-13476  
**Full** scale phosphoric acid-fuel cell stack technol 85-13394  
**full-term** operating license for R.E. Ginna Nuclear 85-13710  
**Fulton County**, Ohio /, Soil survey of 85-11958  
**fun** coloring and learn how to prevent crime tool" 85-12232  
**function** by means of the sum of squares algorithm 85-13143  
 " (MTF) evaluation, LANDSAT-4 thematic mapp 85-13377  
**functional** fault modeling, Error latency estimatio 85-13230  
**Functioning** of the Government by Ratifying All Reo 85-12599  
**functions** in cybernetic vision, Edge analyzing pro 85-13094  
**fund**, Pattern recognition for space applications c 85-13039  
**Fundamental** approach to the sticking of insect res 85-13310  
**funds**., Academic science/engineering. R & D 85-13474  
**Funds Which Is Part** of the Estate of a Deceased Os 85-12612  
**Furnas Volcano**, Sao Miguel, Azores, Preliminary ge 85-12815  
**furnishing** kidney dialysis and transplant services 85-12718  
**Furrow** dike water conservation practices in the Te 85-11853  
**future** /, Eruptions of Mount St. Helens :past, pre 85-12735  
 " of independent marketers in the post-merger 85-13931  
 " prospects of the U.S. photovoltaics industr 85-13926  
 " satellite magnetic field data, Potential ut 85-13409  
**futures** and options /, A Study of the effects on t 85-13766

## G

- G (Australia)** /, Omega propagation correction tabl 85-12152  
 " ) /, Omega propagation correction tabl 85-12157  
 " ) /, Omega propagation correction tabl 85-12158  
**G.S.** water resources data. Alaska., U.S. 85-12794  
**G/T** measurements /, A preliminary investigation in 85-12090  
**G-80-0152** /, Issue management by school superinten 85-12448  
**GaAs** in space, Crystal growth of device quality 85-13208  
 " in space, Crystal growth of device quality 85-13337  
 " , dual-mode, QPSK/QASK, high-through put rate 85-13265  
**Galactic** heavy-ion shielding using electrostatic f 85-13127  
**Gambia**, post report., The 85-13532  
**game** birds., National poultry improvement plan. Di 85-12006

- birds, Directory of participants handling wat 85-12006  
 gamma camera, High resolution bone mineral densito 85-13086  
 gamma-ray spectroscopy of solar flares, High resol 85-13210  
 GAO analysis of the 1981 AFDC reductions : 85-13944  
 Garfield County, Utah /, Sand-calcite crystals fro 85-12737  
 garments : TSUS items 376.04-376.28., Summary of t 85-12971  
 gas deeper than 15,000 feet in the conterminous Un 85-12822  
 " deeper than 20,000 feet in the conterminous Un 85-12823  
 " hydrates on continental margins of the United 85-12820  
 " jets in confined swirling air flow /, An exper 85-13141  
 " overpressure explosion and fires, East Boston, 85-13591  
 " part, 191-192 : liquified natural gas, part 19 85-13639  
 " properties : I-ASTM jet A fuel and dry air /, C 85-13465  
 " resources of the United States Gulf of Mexico 85-12837  
 " turbine (AGT) technology development, Ad- 85-13401  
 " vanced 85-13389  
 " turbine AGT technology project, Advanced 85-13389  
 " turbine engine., Programmed text : T-53-L-13 85-12313  
 " turbine engine, Cold-air performance of compre 85-13051  
 " , part 191-192., Pipeline safety regulations : e 85-13638  
 " , part 193 : hazardous liquids part 195., Pipel 85-13639  
 gas-cooled pressurized phosphoric acid fuel cells 85-13160  
 gas-side fouling measure devices, A survey of 85-13322  
 geodynamics, An efficient approximate factorizatio 85-13110  
 gases /, Current industrial reports. MA-28C, Indus 85-12039  
 " Industrial 85-12039  
 gasification project :, Great Plains coal 85-13866  
 gasoline engine driven, 2 wheel, pneumatic tires, 85-12255  
 " engine, 3 wheel, 10 ton, w/scarifier and 85-12256  
 " engine, 3 wheel, 10 ton, w/scarifier and 85-12257  
 gazette notices, re Patent and Trademark Office pr 85-12092  
 " , Official 85-12092  
 gear cooling using an automatic finite element mes 85-13077  
 gearboxes, An analytical method to predict efficie 85-13074  
 gearing using simulation and a visual display, Eva 85-13085  
 gears with modified center distances and/or addend 85-13079  
 " , An investigation of the transient thermal a 85-13080  
 " , Efficiency of nonstandard and high contact 85-13081  
 geose : teaching creative thinking : Smithsonian ap 85-13544  
 genera of Brachycentridae (Trichoptera) /, The gen 85-13546  
 General aviation aircraft interior noise problem 85-13357  
 " contractors, residential buildings, other 85-12046  
 " explanation of the revenue provisions of t 85-13935  
 " imports. World area and country of origin 85-12041  
 " information) from (Your guide to) federal 85-13584  
 " ledger, users manual., Automated data syst 85-12317  
 " management plan : Hampton National Historic 85-12943  
 " support and depot manual : shipment, handli 85-12264  
 " support maintenance repair parts and speci 85-12255  
 " support maintenance repair parts and speci 85-12257  
 " support maintenance repair parts and speci 85-12258  
 " support maintenance repair parts and speci 85-12261  
 " support maintenance repair parts and speci 85-12262  
 " ), Calibration procedure for automotive ge 85-12276  
 " ), Calibration procedure for standard capa 85-12281  
 " ), Calibration procedure for weights (mass 85-12286  
 General Counsel : 50th anniversary, 1934-1984., Off 85-13551  
 General Dynamics Corp. :, Labor-management relatio 85-13815  
 General Electric Vallecitos Nuclear Center : final 85-13736  
 General Government Appropriations., Fiscal year 19 85-13558  
 General Post Office Building and the Site Thereof 85-12595  
 General Services to Transfer to the Smithsonian In 85-12595  
 General Services Administration management initiat 85-13871  
 generalized coordinates tensor product finite elem 85-13182  
 generated animation and movie production at LARC, 85-13202  
 generating units : 1983-1992., Status of coal suppl 85-12419  
 generation systems, Effects of voltage control in 85-13318  
 " , Evaluation of gas-cooled pressurized p 85-13160  
 generator and voltage regulator test sets (general 85-12276  
 " , AN/URM-52( ), TS-621( ), and Hewlett-Pa 85-12288  
 " , Parameter studies of gear cooling using 85-13077  
 generators on the power conversion performance and 85-13062  
 genetic risk : human biomonitoring, December 13-15 85-12485  
 Geneva and beyond : new arms control negotiations : 85-13522  
 genus Brachycentrus in North America, with a propo 85-13546  
 " Otachyrium (Poaceae: Panicoideae) /, Revisio 85-13549  
 geochemical comparison of mineralized and unminera 85-12746  
 " information developed by DOE high-level 85-13734  
 " sample locality map for the White Clou 85-12808  
 geochemistry, and mineral resource potential of th 85-12834  
 geodynamics information in a tethered subsatellite 85-13264  
 Geographic area series. Alabama., 1982 census of w 85-12053  
 " area series. Arizona., 1982 census of s 85-12075  
 " area series. Arkansas., 1982 census of 85-12054  
 " area series. Arkansas., 1982 census of 85-12076  
 " area series. Connecticut., 1982 census 85-12055  
 " area series. Delaware., 1982 census of 85-12056  
 " area series. Florida., 1982 census of s 85-12077  
 " area series. Florida., 1982 census of w 85-12057  
 " area series. Illinois., 1982 census of 85-12058  
 " area series. Iowa., 1982 census of whol 85-12059  
 " area series. Kansas., 1982 census of wh 85-12060  
 " area series. Kentucky., 1982 census of 85-12061  
 " area series. Louisiana., 1982 census of 85-12078  
 " area series. Maryland., 1982 census of 85-12062  
 " area series. Massachusetts., 1982 censu 85-12079  
 " area series. Michigan., 1982 census of 85-12063  
 " area series. Middle Atlantic States (Ne 85-12020  
 " area series. Mississippi., 1982 census 85-12064  
 " area series. Mississippi., 1982 census 85-12080  
 " area series. Missouri., 1982 census of 85-12065  
 " area series. Nebraska., 1982 census of 85-12081  
 " area series. New Jersey., 1982 census o 85-12066  
 " area series. New York., 1982 census of 85-12067  
 " area series. North Carolina., 1982 cens 85-12068  
 " area series. North Dakota., 1982 census 85-12069  
 " area series. North Dakota., 1982 census 85-12082  
 " area series. Ohio., 1982 census of reta 85-12048  
 " area series. Oklahoma., 1982 census of 85-12083  
 " area series. Pacific States (Alaska, Ca 85-12022  
 " area series. Pennsylvania., 1982 census 85-12070  
 " area series. South Atlantic States (Del 85-12021  
 " area series. South Carolina., 1982 cens 85-12071  
 " area series. Texas., 1982 census of ser 85-12084  
 " area series. United States., 1982 censu 85-12074  
 " area series. West Virginia., 1982 censu 85-12072  
 " area series. Wisconsin., 1982 census of 85-12073  
 " locations, Qualification testing of sol 85-13155  
 " locations, Solar photovoltaic powered r 85-13159  
 " profile of employment and unemployment 85-13012  
 Geohydrology of the High Plains aquifer in parts o 85-12747  
 geold, Lower mantle heterogeneity, dynamic topogra 85-13284  
 geologic applications, Evaluation of thermal data 85-13234  
 " map and coal sections of the Pine Ridge q 85-12817  
 " map and sections of the southwestern Kena 85-12830  
 " map of Dinosaur National Monument and vic 85-12888  
 " map of Furnas Volcano, Sao Miguel, Azores 85-12815  
 " map of the Beaver Lake Mountains quadrang 85-12893  
 " map of the Frisco Peak quadrangle, Millar 85-12894  
 " map of the La Purisima-Paso Hondo area, B 85-12828  
 " map of the Lynndyl 30 x 60 minute quadran 85-12841  
 " map of the outcrop area of the Hornbrook 85-12814  
 " map of the Peko Hills, Elko County, Nevad 85-12813  
 " map of the Pole Canyon quadrangle, Harney 85-12811  
 " map of the Red Mountains quadrangle, Harn 85-12810  
 " maps of northern Alaska, Lookout Ridge qu 85-12809  
 " , and borehole geophysical logs for 23 tes 85-12827

- geology and geophysics principal investigators and 85-13129  
 " of the terrestrial planets /, The 85-13134  
 " of Upper Muir and Wachusett Inlets, Glac 85-12840  
 " principal investigators and their associat 85-13122  
 " program - 1983, Reports of planetary 85-13121  
 " , geochemistry, and mineral resource potent 85-12834  
 " , petroleum potential, environmental consid 85-12837  
 geology-energy-mineral resource potential : a geost 85-12966  
 geometric characteristics of LANDSAT-D imaging sys 85-13386  
 " correction accuracy, LANDSAT-D thematic 85-13374  
 geometry handbook, Planetary 85-13220  
 " handbook, Planetary 85-13221  
 " on the aeroacoustics of parallel baffles 85-13113  
 geophysical fluid flow models, Design and construc 85-13163  
 " logs for 23 test holes in south-centra 85-12827  
 geophysics principal investigators and their assoc 85-13129  
 " program for Egypt, Report on mineral re 85-12838  
 Georgia /, Land management programs for agricultur 85-11996  
 " , and north Florida /, Stand structure and 85-11943  
 " , Management skills for infection control 85-12697  
 " , Maryland, North Carolina, South Carolina, 85-12021  
 Georgia Wilderness Act of 1984. 85-12593  
 geostatistical classification /, Classification of 85-12966  
 geosynchronous mission requirements and systems an 85-13253  
 geotechnical applications : progress report no. 1 / 85-12905  
 German Democratic Republic., Mineral industry of t 85-12924  
 " , Preprint from the ... 85-12924  
 Germany., Mineral industry of the Federal Republic 85-12923  
 " , Preprint from the ... Bureau of Mines Mi 85-12923  
 GFCS), Personnel qualification standard for MK-37 85-12355  
 " , Personnel qualification standard for MK 68 85-12352  
 giardia lamblia cysts by drinking water treatment 85-12487  
 Gifford Pinchot National Forest, Washington, 1984 85-11884  
 gift expenses, Travel, entertainment, and 85-13567  
 ginnings in the United States., Cotton 85-12035  
 Glacier Bay, Alaska : Map of marine geology of Up 85-12840  
 glass shop, shelter mounted (NSN 4940-00-209-6239) 85-12267  
 " (Vitrolite and Carrara glass), The preserva 85-12951  
 " , N.E.C. (industry 3229), 1982 census of man 85-12030  
 " , The preservation of historic pigmented st 85-12951  
 Global biology research program: biogeochemical pro 85-13457  
 " change 85-13233  
 " oceans, Nimbus 7 SMMR derived seasonal vari 85-13115  
 Glossary of historic masonry deterioration problem 85-12944  
 glycol butyl ether and isooctyl esters of 2,4-dich 85-12486  
 goals = EEO : el compromiso del Servicio Postal pa 85-13476  
 Goat Rocks wilderness area, Washington, Principal 85-12807  
 Goddard Space Flight Center, Greenbelt, Maryland, 85-13458  
 " , Greenbelt, Maryland, 85-13459  
 Going strong! : women in defense. 85-12132  
 gold and silver in bedrock samples, western Chicha 85-12795  
 Golden' chinquapin., 85-11859  
 Golden-Collum Memorial Federal Building and United 85-12615  
 Golfo de Arauco /, Chile, Bahia de Valparaiso to 85-12164  
 " de Uruba to Puerto Cabello /, South America, 85-12168  
 good boys better : nonformal education in Boy Scout 85-12464  
 " place for a BSN to start : the Army Medical Te 85-12299  
 gopher food habits on two disturbed forest sites i 85-11906  
 got it-use it!, Your shoulder harness : if you've 85-13616  
 Gotland /, Baltic Sea, Sweden-east coast, 85-12185  
 governing settlement of highway construction contr 85-13597  
 government : a comparative analysis of 1980 and 198 85-13030  
 " by Ratifying All Reorganization Plans a 85-12599  
 " laboratories /, The management of resea 85-13135  
 " of Mexico /, Selling to the 85-12121  
 " patents /, Catalog of 85-12096  
 " reports : a catalog /, Popular names of 85-13022  
 " science policy : An Agenda for a study 85-13920  
 " , Budget of the U.S. 85-13498  
 " , Budget of the U.S. 85-13499  
 " , Budget of the United States 85-13498  
 " , Foreign currencies held by the U.S. 85-13582  
 " , Historical tables, budget of the Unit 85-13502  
 " , Report on foreign currencies held by 85-13582  
 " , Special analyses, budget of the Unite 85-13501  
 Government. Appendix., The budget of the United St 85-13499  
 Government Operations, House of Representatives, N 85-13874  
 Government Printing Office style manual., Patents 85-12093  
 government-subsidized housing rehabilitation progr 85-13002  
 Governor's checklist for emergency and major-disas 85-12527  
 gradient turbulent boundary layers, I, Final repor 85-13441  
 grading and egg products inspection programs /, Li 85-11973  
 " programs /, List of proprietary substances 85-11855  
 Graduate study in education : an analysis of instit 85-12465  
 Graham County, Arizona /, Important farmlands of 85-11964  
 grain and oilseed sectors /, Argentine agricultura 85-11982  
 " trade opportunities in eastern Europe., Coop 85-12008  
 Grain Standards Act Contained in Section 155 of th 85-12578  
 Granite Basin Porphyry : a geochemical comparison o 85-12746  
 granitic rocks and pre-quaternary ash-flow tuffs, 85-12780  
 " rocks and silicic shallow-intrusive rocks 85-12772  
 " rocks, ash-flow tuff, and lahatic breccia 85-12767  
 " rocks, basin and range province, Arizona 85-12753  
 grant : new state role brings program and administ 85-12535  
 " and cooperative agreement handbook instructi 85-13130  
 " formula /, The Pell 85-12441  
 " NAG-317 entitled an experimental study of th 85-13441  
 " no. G-80-0152 /, Issue management by school 85-12448  
 grantees, delegates & clinics., Family planning 85-12687  
 " , delegates and clinics, Family planning 85-12687  
 grants program /, Internal control review report o 85-12519  
 " under the Law-Related Education Program., A 85-12421  
 " under Title VI of the Higher Education Act 85-12422  
 " under Upward Bound Program., Continuation a 85-12423  
 grapes for storage., Instructions for forecasting 85-11968  
 graph methodology, An evaluation of the directed f 85-13269  
 graphite films, Effect of substrate chemical pretr 85-13047  
 graphite-epoxy composite materials, Space radiatio 85-13088  
 " , Temperature dependence of elastic 85-13280  
 graphs, & charts /, Descriptive statistics : tables 85-12696  
 grass : how to identify, establish, and manage Ind 85-11957  
 gravity anomaly map of the Butte 1 x 2 85-12825  
 " stations near the Goat Rocks wilderness ar 85-12807  
 greases (industries 2911 and 2992), 1982 census o 85-12029  
 Great Lakes hydrometeorologic and hydraulic data n 85-13702  
 " water levels. 85-12110  
 Great Plains coal gasification project : 85-13866  
 Greenbelt, Maryland, November 29-December 1, 1983. 85-13458  
 " , Maryland, November 29-December 1, 1983 / 85-13459  
 Greenland, Mineral industry of Denmark and 85-12920  
 " , Preprint from the ... Bureau of Mines 85-12920  
 " , station A (Norway) /, Omega propagation 85-12153  
 Greenland (Denmark)-east coast, Kap Gustav Holm sh 85-11719  
 " -east coast, Lemon Bugt to Stor 85-12178  
 Greenland-west coast, Nordra StrOm fjord to Egedesm 85-12180  
 Gregory County, South Dakota /, Soil survey of 85-11959  
 grids., Defense Integrated Data System DIDS proced 85-12224  
 " , DIDS procedures manual. Vol. 10, Multiple a 85-12224  
 " , Multiple application references/instruction 85-12224  
 Grocery stores (industry 5411), 1982 census of re 85-12049  
 ground equipment repairman (AFSC 42153) /, Aerospa 85-12395  
 " vibration test of F-16 airplane with initia 85-13125  
 " water, basin and range province, Arizona /, 85-12751  
 " water, basin and range province, Arizona /, 85-12752  
 " water, basin and range province, Idaho /, M 85-12766  
 " water, basin and range province, New Mexico 85-12770  
 " water, basin and range province, New Mexico 85-12771

- water, basin and range province, northern C 85-12758  
 water, basin and range province, Oregon /, 85-12779  
 water, basin and range province, Southern C 85-12760  
 water, basin and range province, southern C 85-12761  
 water, basin and range province, Texas /, M 85-12782  
 water, basin and range province, Texas /, M 85-12783  
 water basin and range province, Utah /, Map 85-12786  
 water contamination and depletion problems 85-13872  
 water in agricultural areas of the San Luis 85-12788  
 waters, basin and range province, Idaho /, 85-12765  
 waters, basin and range province, Northern 85-12757  
 waters, basin and range province, Utah /, M 85-12785  
**ground-water** levels, springs, and depth to ground 85-12751  
 levels, springs, and depth to ground 85-12757  
 levels, springs, and depth to ground 85-12760  
 levels, springs, and depth to ground 85-12765  
 levels, springs, and depth to ground 85-12770  
 levels, springs, and depth to ground- 85-12775  
 levels, springs, and depth to ground- 85-12778  
 levels, springs, and depth to ground 85-12782  
 levels, springs, and depth to ground 85-12785  
 monitoring at Santa Barbara, California 85-12738  
 quality in Nebraska /, Appraisal of d 85-12742  
 units and number of large capacity we 85-12777  
 units and withdrawal, basin and range 85-12750  
 units and withdrawal, basin and range 85-12759  
 units and withdrawal, basin and range 85-12769  
 units and withdrawal, basin and range 85-12781  
 units and withdrawal, basin and range 85-12784  
 units and withdrawal, ground-water le 85-12757  
 units, ground-water levels, springs, 85-12765  
 , basin and range province, Nevada /, 85-12775  
 , basin and range province, Oregon /, 85-12778  
**groundwater** flow and contaminant transport using t 85-13720  
 monitoring recommendations for oil sha 85-12500  
**group** 22), 1982 census of manufactures. Prelimina 85-12034  
 , guided bomb, MXU-724/B, part no. HK020503-6 85-12375  
**groupings** by world area and country., U.S. exports 85-12042  
 by world area and country, Schedule E co 85-12042  
 by world area and country, US exports. S 85-12041  
 , U.S. general imports. World area and c 85-12041  
 , US general imports. World area and coun 85-12041  
 , World area and country of origin by sch 85-12041  
**groups** , Amending the National Historic Preservat 85-13820  
**Growing** food in containers in the Tropics / 85-11969  
**growth** analysis in quasi-isotropic laminates under 85-13097  
 and development and disease patterns in pri 85-12680  
 at hypo- and hypergravity, Rat body size, c 85-13427  
 :changes in component contributions for six 85-11993  
 in America :a challenge for the 1980's : a 85-13492  
 of device quality GaAs in space, Crystal 85-13208  
 of device quality GaAs in space, Crystal 85-13337  
 of five planted hardwood species with mecha 85-11928  
 of southern Rocky Mountain Engelmann spruce 85-11924  
 specimen development, Mode II fatigue crack 85-13078  
 , thinning treatments, and soil properties i 85-11927  
**GS** maintenance manual : radar set AN/MPQ-51 (XO-1) 85-12260  
**Guatemala**., Background notes, 85-13528  
**guentheri** and closely related species (Amphibia: A 85-13547  
**guestworkers** , Hearings on immigration reform and 85-13813  
**guidance** section to warhead, ADU-452A/B, part no. 85-12376  
**guide** /, Customs, courtesies and activities 85-12242  
 /, Lower Mississippi River regional barge fl 85-13641  
 /, Nursing service administrative developmen 85-13647  
 /, Soil sampling quality assurance user's 85-12501  
 /, Take off for opportunities :leader's 85-13608  
 /, Vocational instructional program advisory 85-12427  
 : a guide to the intersection analysis featu 85-13624  
 :computer program for optimum dynamic design 85-12321  
 :executive summary /, Lower Mississippi Rive 85-13640  
 for aliens, U.S. tax 85-13568  
 for applied leadership development), Studen 85-12244  
 for applied leadership development, leadersh 85-12243  
 for CBO :about writing and word usage., A st 85-13946  
 for introduction to leadership development : 85-12245  
 for management analysts., Training and plann 85-13491  
 for managers and executives /, International 85-12120  
 for state maternal and child health (Title V 85-12716  
 for supervisors at cargo terminals., All abo 85-13637  
 for teaching a course in health promotion se 85-12447  
 to attendance improvement., Supervisors 85-13489  
 to culture in the classroom /, A 85-12444  
 to) federal firearms regulation., Excerpt, ( 85-13584  
 to program planning /, Word processing :a 85-12439  
 to the commissioned personnel system., A sup 85-12647  
 to the development of pre-school handicapped 85-13023  
 to the Federal Trade Commission., A 85-12532  
 to the Forest Service Appeal Regulation (36 85-11889  
 to the intersection analysis features of the 85-13624  
 to the National Institute of Neurological an 85-12679  
 to the resources /, Microcomputers in elemen 85-12461  
 to understanding river use and users /, A re 85-11945  
 , Basic rifle marksmanship trainer's 85-12246  
 , Beyond high school :the army's education p 85-12308  
 , CARE III model overview and user's 85-13095  
 , Corporation income tax returns documentatio 85-13564  
 , Documentation 85-13564  
 , Drunk driving public information program s 85-13635  
 , Help yourself :tips for teenagers with can 85-12663  
 , Library data base 85-12991  
 , Pretesting television PSAs :user's 85-12664  
 , SOI corporation documentation 85-13564  
 , Statistics of income. Corporation income t 85-13564  
 , Taxation of social security benefits :desk 85-12644  
 , The Safety belt proponent's 85-13636  
 , Warrant Officer candidate course 85-12334  
 , 1984., The Public Health Service commission 85-12648  
**guidebook**:a risk management and insurance referenc 85-13642  
**guided** bomb, DSU-27A/B, part no. HG020601-001-00., 85-12377  
 bomb, MXU-724/B, part no. HK020503-601-00., 85-12375  
**guideline** for heavy ion radiation testing for sing 85-13319  
**guidelines** and application instructions., Humaniti 85-13470  
 for automated offices /, Interim design 85-12088  
 , Handbook for disposal of radioactive 85-12250  
**guides**., Pavement and shoulder maintenance perform 85-13596  
**Gulf** of Bothnia /, Baltic Sea, Sweden and Finland, 85-12184  
 of Mexico Continental Margin in the area of p 85-12837  
**Gulf Coast**, Mississippi River system, and Antilles 85-12319  
**gunfire** control system (GFCS), Personnel qualific 85-12352  
 control system (GFCS), Personnel qualific 85-12355  
**gust** model, Vector wind 85-13169  
**Guyana**. 85-13510  
**Guyandot River**, West Virginia :hydraulic model inv 85-12320  
**gypsy** moth., Panoramic aerial photography for asse 85-11879  
**gyrocompass** failure., Programmed text: 85-12311  
**G23He** neutron spectrometer /, Neutron dos 85-13730  
 refrigerator for space applications 85-13112

## H

- H** (Japan) /, Omega propagation correction tables f 85-12154  
**H.R.** 1362, a bill for the relief of Joseph Karel H 85-13679  
 1362 :message from the President of the Unite 85-13679  
 3169), Renewable Energy Development Act of 85-13670  
 1

- " . 3726; and Congressional Budget Act Amend- 85-13869  
 ment 85-13863  
 " . 4230 report (to accompany H. Res. 615), Pro 85-13667  
 " . 5154), National Aeronautics and Space Admini 85-13869  
 " . 5247) ; Increase effectiveness of domestic f 85-13784  
 " . 5256, to authorize the Inspector General of t 85-13684  
 " . 6027 report (to accompany H. Res. 616), Wai 85-13683  
 H. Res. 615), Providing for agreeing to the Senat 85-13684  
 " . 616), Waiving certain points of order aga 85-12356  
 H-1 helicopter qualification section 5 electrical. 85-12108  
 habitat for the Hawaiian monk seal in the northwes 85-12955  
 " preservation program for the Colusa Basin 85-11910  
 " habitats analyses /, Microhistological techniques fo 85-11906  
 " on two disturbed forest sites in central Ar 85-12211  
 Haima Tan (Rough Shoal) (Seahorse Shoal) /, Heng J 85-12450  
 Haitian/English language project /, Final report o 85-12197  
 Halat Al Mubarrax to Ash Shariqah /, Asia, Persian 85-12292  
 half CY 84), Equipment improvement report and mai 85-12293  
 " CY 84), Equipment improvement report and mai 85-13709  
 hammer occurrence in nuclear power plants :technic 85-13740  
 " , flow induced vibration and safety/relief v 85-12943  
 Hampton National Historic Site., General managemen 85-12267  
 Hand receipt catalog covering content of :sets, ki 85-12268  
 " receipt catalog covering content of sets, kit 85-12102  
 handbook :atmospheric data tables available on com 85-12483  
 " for air pollution measurement systems., Q 85-12250  
 " for disposal of radioactive waste in acco 85-13131  
 " for MAP., Middle Atmosphere Program : 85-12374  
 " for service attaches accredited to the De 85-12141  
 " for stringers in the Armed Forces / 85-13641  
 " guide /, Lower Mississippi River regional 85-13640  
 " guide :executive summary /, Lower Mississ 85-13130  
 " instruction., NASA grant and cooperative 85-12651  
 " no. VI-A for automatic data processing :d 85-13585  
 " of effective transit marketing aids /, Tr 85-13488  
 " of job analysis for reasonable accomodati 85-12989  
 " on the Comprehensive Crime Control Act of 85-13609  
 " :part 135., Air carrier operations inspec 85-12239  
 " :tools of the trade., Soldier-leader's 85-13561  
 " , Arbitration 85-13324  
 " , Interplanetary mission design 85-12990  
 " , Library Services 85-13220  
 " , Planetary geometry 85-13221  
 " , Planetary geometry 85-12247  
 " , Ranger 85-12241  
 " , Reserve company commander's 85-12248  
 " , Tank identification 85-12992  
 " , Victim witness 85-13023  
 handicapped children :resources and services., Par 85-13602  
 " driver waiver program / 85-13595  
 " in Seattle., Priority accessible netwo 85-13025  
 " individuals., Books for blind and phys 85-12456  
 " :research report and manual for teachi 85-12455  
 " students to perform meaningful work in 85-12982  
 handle faucets investigation no. 337-TA-167., In 85-12275  
 " missiles and rockets, medium wrecker M62, m 85-12293  
 handling equipment (Jan thru June - 1st half CY 84 85-12229  
 " pocketbook., Hazardous materials storage 85-12006  
 " waterfowl, exhibition poultry, and game b 85-12264  
 " , storage, inspection, care and preservati 85-12309  
 handout :noise in Army aviation, 23-4507-1, 34-450 85-12628  
 Harbor Act of 1946., An Act to Amend the River and 85-12318  
 harbors, Atlantic Coast /, Waterborne commerce of 85-12318  
 " , Atlantic Coast, Waterways and 85-12319  
 " , Gulf Coast, Mississippi River system, and 85-13266  
 hard x-ray spectra of solar and cosmic sources, Hi 85-13452  
 " x-rays from solar flares, The impulsive 85-13321  
 HARDMAN comparability methodology for manpower, 85-13321  
 pc  
 hardwood crop trees :use of a chain saw costs less 85-11901  
 " species with mechanical weed control on S 85-11928  
 " stands of the Alleghenies /, Prescribing 85-11939  
 Harmon County, Oklahoma /, Soil survey of 85-11960  
 harness :if you've got it-use it!, Your shoulder 85-13616  
 Harney County, Oregon, Geologic map of the Pole Ca 85-12811  
 " , Oregon, Geologic map of the Red Mou 85-12810  
 Harry R.E. Hampton Visitor Center., and for, An A 85-12586  
 harvesting dates for U.S. field crops., Usual plan 85-11876  
 Hato Rey, Puerto Rico, as the "Clemente Ruiz Naza 85-12619  
 "Have fun coloring and learn how to prevent crime 85-12232  
 Hawaii, Oregon, Washington), 1982 census of manuf 85-12022  
 " , 1956-1983 /, Magma supply and storage at K 85-12734  
 Hawaiian monk seal in the northwestern Hawaiian Is 85-12108  
 Hawaiian Islands., Proposed designation of critica 85-12108  
 HAWK battery terminal equipment, (second quarter, 85-12290  
 HAWK Air Defense Guided Missile System and 85-12290  
 HAWK ba 85-12264  
 " , Organizat 85-12366  
 hazard communication standards ;, OSHA hearings--st 85-13817  
 " studies in New York State and adjacent area 85-13721  
 hazardous industrial waste /, Use of short-term bi 85-12494  
 " liquids part 195., Pipeline safety regul 85-13639  
 " materials :storage and handling pocketbo 85-12229  
 " waste sites :descriptions of 244 sites o 85-12479  
 " wastes at sea ;, Incineration of 85-13877  
 Hazardous Liquid Pipeline Safety Act of 1979, and 85-12576  
 hazards ;, Federal efforts to control asbestos 85-13831  
 " , reference text /, Common sense electrical 85-12906  
 HA020503-301-00., Storage and maintenance procedur 85-12376  
 HCMM to predict nocturnal cold prone areas in Flor 85-13369  
 HDS programs., Instructions for applying for feder 85-12719  
 headed., The Proceedings of the Thirteenth Annual 85-13497  
 health and economy ;, Medical research and its imp 85-13781  
 " and Human Services, and Education, and Rela 85-12636  
 " and Human Services, Education, and related 85-13778  
 " and safety at the General Dynamics Corp. ;, 85-13815  
 " and safety program., Occupational 85-12481  
 " and the environment, miscellaneous : 85-13827  
 " and the environment, miscellaneous : 85-13828  
 " care amendments of 1984 ;, Veterans' Admini 85-13938  
 " care costs and their effects on the economy 85-13806  
 " education., Current awareness in school 85-12701  
 " education resources., Community 85-12706  
 " effects criteria for fresh recreational wat 85-12484  
 " information for international travel. 85-12698  
 " insurance coverage of the medicare populati 85-12694  
 " maintenance organization amendments of 1984 85-13665  
 " promotion seminar /, An instructor resource 85-12447  
 " (Title V) programs /, Developing childhood 85-12716  
 " , and safety assessment of photovoltaics, En 85-13327  
 Health Professions Scholarship Program :the Army M 85-12298  
 Health Promotion and Disease Prevention, to Provid 85-12605  
 hearing before a subcommittee of the Committee on 85-13874  
 " on H.R. 5256, to authorize the Inspector G 85-13784  
 " on "Improving the research infrastructure 85-13919  
 " on interagency cooperation ;, Oversight 85-13814  
 heart /, Exercise and your 85-12655  
 heat exchangers, Reynolds number effects on pressu 85-13093  
 " transfer coefficients of four ice accretion s 85-13397  
 heated fluidized bed for the production of high-pu 85-13343  
 heater report, phase II (1981-1983) /, Residential 85-13763  
 heaters /, Evaluation of natural- and forced-draft 85-12510  
 heating stoves., Coal and wood burning 85-13696  
 " , Thermal response of space shuttle wing du 85-13106  
 heavy antitank/assault weapon to prevent enemy use 85-12265  
 " ion radiation testing for single event upset 85-13319  
 " metals in sediments and benthic species in r 85-13249

- heavy-ion shielding using electrostatic fields /, 85-13127
- height estimation using complex SAR data, A novel 85-13225
- heights /, A simple model for estimating total and 85-11916
- held at Goddard Space Flight Center, Greenbelt, Ma 85-13458
- " at Goddard Space Flight Center, Greenbelt, Ma 85-13459
- " at Monterey, California, September 1-2, 1983. 85-13747
- " at NASA Lewis Research Center, Cleveland, 85-13456
- Ohio 85-12649
- " at the University of Minnesota in September 1 85-13582
- " by the U.S. Government., Report on foreign cu 85-13582
- " by the U.S. government, Foreign currencies 85-13079
- helical gears with modified center distances and/o 85-13615
- helicopter /, Noise measurement flight test :data/ 85-12356
- " qualification section 5 electrical, Pe 85-12663
- Help yourself :tips for teenagers with cancer : us 85-12013
- helping neighbor., The Senior Companion Program : t 85-12303
- helps you and the people you care about., The Army 85-13536
- Helinski Final Act /, Implementation of 85-12211
- Heng Jiao (Livecock Reef) to Haima Tan (Rough Shoal) 85-11901
- herbicides /, Releasing young hardwood crop trees 85-13284
- heterogeneity, dynamic topography and the geoid, L 85-13117
- heterogeneous autonomous computers, Considerations 85-13731
- " oxidative degradation in irradiated 85-12456
- Heuristic methods for the mildly handicapped :rese 85-12278
- Hewlett-Packard model 11715A., Calibration procedu 85-12288
- " models 618B and 618C., Calibration 85-12284
- " , model 3555B., Calibration procedu 85-12287
- " , model 8900B., Calibration procedu 85-12377
- HG020601-001-00., Storage and maintenance procedur 85-12637
- HHS evaluation studies., Compendium of 85-12953
- Hidalgo, Starr, and Willacy Counties, Texas /, Lan 85-13364
- hidrologicos e inundaciones, Aplicaciones de los s 85-13081
- high contact ratio involute spur gears, Efficiency 85-13152
- " lift model, A numerical study of the controll 85-13072
- " performance propeller designs, Application of 85-13287
- " precision measurements in crustal dynamic stu 85-13444
- " reliability requirements :final report, The i 85-13086
- " resolution bone mineral densitometry with a g 85-13266
- " resolution hard x-ray spectra of solar and co 85-13210
- " resolution X- and gamma-ray spectroscopy of s 85-13090
- " school apprenticeship research program, NASA- 85-12442
- " school offerings and enrollments :1972-73 and 85-12308
- " school :the army's education planning guide., 85-13660
- " schools 1983-1984, pursuant to Public Law 88- 85-13262
- " speed inviscid compressible flow by the finit 85-13174
- " temperature property measurements by atomic f 85-12514
- high-efficiency coal burners :fourth annual report 85-13734
- high-level nuclear waste repository site projects 85-13042
- high-lift research model in Langley 4- by 7-meter 85-12747
- High Plains aquifer in parts of Colorado, Kansas, 85-13343
- high-purity silicon, Preliminary study of a radian 85-13034
- High Reynolds number tests of a Boeing BAC I airfo 85-13258
- high-speed digital simulation, Dataflow computing 85-13334
- High-Speed Growth and Characterization of Crystals 85-12907
- High-temperature relative enthalpies of CuBr / 85-13265
- high-through put rate transceiver, Design consider 85-12460
- higher education :practices and priorities /, Publ 85-13136
- " order panel method, PAN AIR, a computer pro 85-12329
- " vertebrate populations at Army installation 85-12422
- Higher Education Act of 1965, as amended :Internat 85-13185
- higher-level temporal reasoning, An Interval logic 85-13005
- Highlights from the Issues and Practices report on 85-12715
- " , HRSA significant employment profile 85-11914
- highly sodic coal mine spoils /, Viability of seed 85-13434
- " transportable laser ranging station, The co 85-13590
- highway accident report :collision of Amtrak passe 85-13600
- " construction /, The use of fly ash in 85-13597
- " construction contract claims and claim dis 85-13594
- " maintenance technology., Methods of effect
- " program., A World of technology for sharin 85-13592
- " statistics / 85-13593
- HIMAT aircraft landing approach lateral control ge 85-13085
- Hinge specification for a square-faceted tetrahedr 85-13189
- Hip pocket lesson plans. 85-12234
- Hirado Seto., Japan, Honshu-northwest coast and Ky 85-12219
- hire., Project 85-13560
- Hispanics, a part of America's excellence. 85-13010
- Histoplasmosis and its relation to bird roosts :a 85-12952
- historic communications satellite trends, Determin 85-13052
- " masonry deterioration problems and preser 85-12944
- " past., Fort Riley :its 85-12233
- " pigmented structural glass (Vitrolite and 85-12951
- Historical tables, budget of the United States gov 85-13502
- history of ACTION's three-year veteran's initiati 85-12011
- " of ACTION's three-year veteran's initiati 85-12012
- " of agricultural price-support and adjustme 85-11874
- " of Farmers Home Administration /, A Brief 85-11972
- " of the U.S. Naval War College /, Sailors a 85-12338
- " , United States naval 85-12549
- HK020503-601-00., Storage and maintenance procedur 85-12375
- Hocking Soil and Water Conservation District resou 85-11956
- Hoek Van Holland /, English Channel-North Sea, Dov 85-12176
- holes in south-central Nebraska, Descriptive, geol 85-12827
- Holiday Inn, Burlington, VT /, Proceedings :new an 85-11938
- Holocene sediment, Outer Continental Shelf betwee 85-12805
- Home economics. 85-12551
- " equity conversion for a rural state :final re 85-12721
- Home Equity Conversion Task Force /, Developing mo 85-12721
- homeowners associations., Tax information for 85-13574
- homestudy course 3030-G., Principles of epidemiolo 85-12699
- Honeywell, model Y612X21-FH-11-111-77, Weathertron 85-12285
- Hong Kong : an economic policy analysis /, Import 85-12531
- Honshu-east coast, Shiota Zaki to Ishinomaki Wan., 85-12217
- Honshu-northwest coast and Kyushu north coast, Kam 85-12219
- " coast, Noto Hanto and approaches. 85-12215
- " coast, Tottori Ko to Mikuni Ko., 85-12216
- Honshu-south coast and Nojima Zaki to Omae Zaki, 85-12218
- hoop column antenna for the land mobile satellite 85-13144
- Horn to Raudinupur /, Iceland-north coast, 85-12181
- Hornbrook formation, Oregon and California, Geolog 85-12814
- horticultural machinery, lawnmowers, and tractors, 85-12978
- hospital corpsmen to collect chest pain data from 85-12343
- hospitals, United States, 1980-81 and 1981-82 /, S 85-12711
- hot corrosion life, Effects of surface chemistry o 85-13398
- House of Representatives /, Better monitoring and 85-12534
- " of Representatives., Activities report of th 85-13688
- " of Representatives., Legislative and review 85-13691
- " of Representatives., The United States and C 85-13678
- " of Representatives during the ... Congress p 85-13691
- " of Representatives, investigation no. 332-17 85-12981
- " of Representatives, Ninety-eighth Congress, 85-13874
- " of Representatives, Ninety-eighth Congress, 85-13936
- " of Representatives Page Board /, Final repor 85-13934
- " , Hearing on H.R. 3256, to authorize the Insp 85-13784
- House/Senate hearings, Committee on Appropriations 85-13558
- Household Goods Transportation Act of 1980 and the 85-13794
- houses (industry 5961), 1982 census of retail tra 85-12050
- " , industry 1522., 1982 census of constructio 85-12046
- housing and community development programs., Depar 85-12725
- " and community development programs, Annual 85-12725
- " and Urban Development annual report to Con 85-12725
- " deductions ; Charitable contributions and 85-13844
- " inventory., Annual housing survey, United 85-12045
- " inventory., Current housing reports. Serie 85-12045
- " inventory, Financial characteristics of th 85-12045
- " rehabilitation programs and arson :analysi 85-13002
- " reports. Series H-150, Annual housing surv 85-12045

- " survey, United States and regions. Part C, 85-12045  
 " , and Urban Affairs, United States Senate., 85-13672  
**Houtman Abrolhos** and adjacent coast /, Indian Ocean 85-12205  
**HO83**), Instruction manual hygrothermometer ( 85-12101  
**HP 1000 E-series** computer, HP 2109B and HP 2113B i 85-12371  
 " 2109B and HP 2113B installation and service 85-12371  
 " man 85-12371  
 " 2113B installation and service manual., HP 1000 85-12371  
**HP-86/87** microcomputers, PBDAT, a program for redu 85-12829  
 hr. (NSN 3895-00-755-4761) ; Organizational, dire 85-12255  
**HRSA** significant employment profile highlights. 85-12715  
**hub-shroud** contouring of a radial turbine, Applica 85-13055  
**Huber** model E1012M., Organizational maintenance re 85-12256  
 " model E1012M, w/sprinkler only, NSN 3895-00- 85-12257  
**human** biomonitoring, December 13-15, 1982, Washing 85-12485  
 " genetic risk : human biomonitoring, December 85-12485  
 " requirements of flight /, Student workbook : 85-12380  
 " rights :December 10, 1984 /, Rededication to 85-13519  
 " rights in Albania : 85-13852  
 " rights practices : Country reports on 85-13864  
**human-caused** wild fires /, The legal system, the U 85-11898  
**Human Development**., Progress report of the Center 85-12677  
**Human Resources**, Committee on Education and Labor, 85-12534  
**Human Services**, and Education, and Related Agencie 85-12636  
 " , Education, and related agencies ap 85-13778  
**Human Services Reauthorization** Act. 85-12608  
**Humanities** projects in media :guidelines and appli 85-13470  
**humidity** in subalpine watersheds of the Fraser Exp 85-11904  
**Hungary**, Mineral industry of 85-12925  
 " , Preprint from the ... Bureau of Mines Mi 85-12925  
**Hunting** :Ridgefield National Wildlife Refuge, Wash 85-12956  
**Huntington** 30 x 60-minute quadrangle, Utah /, Map 85-12892  
**Hurricane Frederick** (1979) using satellite, aircra 85-13451  
**hybrid** poplar plantations /, Weed control for esta 85-11918  
 " traction drive, An Advanced pitch change me 85-13071  
 " vehicle assessment 85-13329  
**hydrates** on continental margins of the United Stat 85-12820  
**hydraulic** data needs :report to the International 85-13702  
 " equipment., Welding repair to 85-12904  
 " model investigation /, R. D. Bailey outl 85-12320  
 " properties of processed oil shales /, Le 85-12480  
**hydrocarbon** EIS, eastern and south-central Utah — 85-12730  
 " exploration, Study of LANDSAT-D themat 85-13367  
 " lease conversion /, Draft environmenta 85-12727  
 " lease conversion :socioeconomic techni 85-12960  
**hydrocarbons**, TSUS items 429.50-429.56., Summary o 85-12974  
**hydroelectric** licensing :middle San Joaquin Valley 85-12417  
**hydrogen**, Creep-rupture behavior of candidate Stir 85-13061  
**hydrogen-air** mixtures /, Detonation calculations u 85-13733  
**Hydrogeologic** setting east of a low-level radioact 85-12792  
**Hydrogeology** and effects of tailings basins on the 85-12790  
**Hydrologic** characteristics of Nebraska soils / 85-12739  
 " reconnaissance of the Kolob, Alton, and 85-12826  
**Hydrology** of a surface coal mined area in Randolph 85-12793  
 " of Sands Plain, Marquette County, Michig 85-12790  
 " , Landsat-D investigations in snow 85-13368  
**hydrometeorologic** and hydraulic data needs :report 85-13702  
**hydrothermal** alteration for portions of the Needle 85-12816  
**hydrograph** and thermograph system, Honeywell, mode 85-12285  
**hygrothermometer** (HO83), Instruction manual 85-12101  
**hyperbolic** conservation laws, Multidimensional exp 85-13181  
**hypergravity**, Rat body size, composition and growt 85-13427  
**hypo-** and hypergravity, Rat body size, composition 85-13427  
**H20TRANS** and DAYTRANS, two models for predict- 85-11905  
 ing t
- IAAC**) technology to an advanced subsonic transport 85-13138  
**ICD-9** 1981 data., Public use data tape documentati 85-12688  
**ice** accretion shapes, Measurement of local connect 85-13397  
 " containment analysis /, CONTEMPT4/MOD5 85-13744  
 " :an imp 85-13744  
 " data buoys in the Weddell Sea /, Sea 85-12323  
**Iceland-north** coast, Horn to Raudinapur / 85-12181  
**Icing** rate on stationary structures under marine c 85-12324  
**ICUs** :clinical outcomes, costs, and decisionmakin 85-13751  
**icy** satellites of Jupiter and Saturn, Shock vaporo 85-13351  
**ID-43-3**, Lemhi County, Idaho, Geology, geochemist 85-12834  
**Idaho** /, Climate of Priest River Experimental Fore 85-11936  
 " /, Map showing outcrops of granitic rocks, a 85-12767  
 " /, Map showing outcrops of thick, dominantly 85-12768  
 " /, Maps showing distribution of dissolved so 85-12766  
 " /, Maps showing ground-water units, ground-w 85-12765  
 " , Geochemical sample locality map for the Whi 85-12808  
 " , Geology, geochemistry, and mineral resource 85-12834  
**Ideas** in action :the states and small business, Sa 85-13540  
 " in action—the states and small business :the 85-13541  
**Identification** and assessment of anticipated major 85-13742  
 " and postfire management /, Five sou 85-11940  
 " handbook., Tank 85-12248  
 " of aerosol composition from multi-wa 85-13240  
 " :regional application of technology 85-12994  
 " using face-to-face and side-by-side 85-13299  
**identify** and implement applications of research on 85-12466  
 " , establish, and manage Indiangrass, Indi 85-11957  
**identifying** aspen diseases frequently encountered 85-11950  
 " environmental features for land manage 85-13379  
**Ignacio Chavez** WSA, La Lena WSA, Ojito WSA, Rio 85-12968  
 Ch 85-12968  
**Ilha de Maraca** /, Brazil-north coast, Cabo Orange 85-12170  
**Illinois** /, Hydrogeologic setting east of a low-le 85-12792  
 " /, Hydrology of a surface coal mined area 85-12793  
 " , July 28, 1983 /, Railroad/highway accide 85-13590  
 " , 1982 census of wholesale trade. Geograp 85-12058  
**Illinois Central Gulf Railroad** with Marquette Moto 85-13590  
**illustrated** parts breakdown :adapter, guidance sec 85-12376  
 " parts breakdown :airfoil group, guided 85-12375  
 " parts breakdown :target detecting devi 85-12377  
**image** dimensionality reduction and geometric corre 85-13374  
 " enhancement techniques for the development o 85-13151  
 " processing technology to problems in manuscr 85-13226  
**imagery**, Cloud cover typing from environmental sat 85-13316  
 " , Spatial reasoning to determine stream net 85-13405  
**imaging** /, Magnetic resonance 85-12650  
 " system, Evaluation of radiometric and geom 85-13386  
**IMF** ; Africa, the World Bank, and the 85-13847  
**immigrant** students :final research report /, Mathe 85-12445  
**immigrants** from North & Central America /, Final r 85-12449  
**Immigration** and Naturalization Service ; Fiscal y 85-13895  
 " reform and agricultural guestworkers : 85-13813  
**IMPAC** NIH : a computer based information system on 85-12651  
**impact** assessment. Foreign countries ... annual su 85-12103  
 " assessment. Foreign countries ... annual su 85-12104  
 " experiments in viscous fluid media 85-13222  
 " of Canadian trade on U.S. Livestock produce 85-13768  
 " of land treatment of hazardous industrial w 85-12494  
 " of sentencing reform in three states /, Det 85-13003  
 " of tariff and nontariff barriers on the U.S 85-12981  
 " of weather on aviation safety ; The 85-13917  
 " on design, Factors that affect the fatigue 85-13048  
 " on small business financing ; Current tren 85-13929  
 " on the nation's health and economy ; Medic 85-13781  
 " resistance and environmental effects, Simpl 85-13066  
 " resistance of SiC and other mechanical prop 85-13146  
 " statement /, Proposed John Day resource man 85-12728

## I

I-ASTM jet A fuel and dry air /, Combustion gas pr 85-13465

- " statement., Scoping the Utah statewide wild 85-12731  
 " statement., Westmoreland Resources' Absalok 85-12732  
 " statement : Medicine Bow National Forest an 85-11947  
 " statement on the Circle Cliffs combined hyd 85-12727  
 " statement related to decontamination and di 85-13704  
 " study /, A simple transmission network plan 85-12496  
 " study /, Instrumentation, recording, and pr 85-12497  
 " test of a 19 crabbed moving deformable barr 85-13630  
 " test of a 19 crabbed moving deformable barr 85-13631  
 " test of aft skirt end ring, and mid ring se 85-13167  
 " , Delamination growth analysis in quasi-isot 85-13097  
 impacts /, Use valuation of Louisiana's rural land 85-11909  
 " of policy changes : a comparison /, Models 85-11985  
 " on farm operations and proposals for tax r 85-11999  
 imperative for excellence /, Secondary vocational 85-12431  
 implinger system /, Collection efficiency evaluatio 85-12515  
 implement applications of research on effective te 85-12466  
 " the Eastern Pacific Ocean Tuna Fishing A 85-12574  
 implementation and impact of sentencing reform in 85-13003  
 " and use of Ada on distributed syste 85-13444  
 " in Air Force technical training : a 85-12410  
 " of Circular A-76 : 85-13913  
 " of Federal motor vehicle standards 85-13629  
 " of Helsinki Final Act / 85-13536  
 " of highway maintenance technology., 85-13594  
 " of noise regulation acts at Miami I 85-13854  
 " of self-paced instruction : a backgr 85-12411  
 " of the distributed programing struc 85-13045  
 " of the Federal Managers' Financial 85-12536  
 " of the programming structural synth 85-13043  
 implications for development assistance policy /, 85-11987  
 " for U.S. policy., Recent developments 85-13859  
 implicit lambda methods, Three-dimensional 85-13186  
 " scheme for the equations of gasdynamics, 85-13110  
 Import quotas on textiles : the welfare effects of 85-12531  
 " relief for U.S. nonrubber footwear industry 85-13845  
 " vulnerability., Strategic materials : techno 85-13756  
 Important farmlands of Graham County, Arizona / 85-11964  
 " member of Young Volunteers in Action., W 85-12014  
 Importation of solid waste : 85-13833  
 imports. World area and country of origin by sched 85-12041  
 Imposition and Collection of Tolls on the Richmond 85-12629  
 Impression evidence /, Shoe and tire 85-12997  
 Improper Payments from Trust Estates to States or 85-12581  
 Improve the maintenance environment : a view from a 85-12409  
 Improved food distribution facilities for central 85-11877  
 " liner retention design for self-lubricati 85-13076  
 " secondary combustion /, Control of wood s 85-12505  
 " skid resistance (construction report) /, 85-13599  
 " techniques for monitoring and evaluating 85-11938  
 Improved Nike-Hercules Air Defense Guided Missile), 85-12289  
 second quarter, CY 1984., Equipment improve- 85-13771  
 ment 85-12717  
 Improved Standards for Laboratory Animals Act; and 85-13625  
 improvement in nurse training : a listing, June 197 85-13099  
 " in railcar reliability and maintainabi 85-11988  
 " in saturation moisture characteristics 85-12006  
 " in water quality at St. Albans Bay, Ve 85-12291  
 plan. Directory of participants handli 85-12290  
 report and maintenance digest : DRAGON 85-12294  
 report and maintenance digest : HAWK Ai 85-12289  
 report and maintenance digest : Multipl 85-12292  
 report and maintenance digest : (Nike-H 85-12293  
 report and maintenance digest (US Army 85-12293  
 report and maintenance digest (US Army 85-12293  
 to CONTEMP4/MOD4 multicompartmen 85-13744  
 con 85-13489  
 " , Supervisors guide to attendance 85-12641  
 Improvements in the Social Security disability pro 85-12641
- " of the Departments of Transportation 85-12622  
 improving the assessment of human genetic risk : h 85-12485  
 " the research infrastructure at U.S. univ 85-13919  
 " U.S. farmland / 85-11872  
 " your navy reading skills / 85-12345  
 impulsive hard x-rays from solar flares, The 85-13452  
 Imputed interest rules : 85-13837  
 In-flight absolute radiometric calibration of the 85-13382  
 In-kind benefits and the nonmetro poor / 85-12001  
 in-situ building R-value measurement /, Toward 85-12322  
 " measurements of alloy oxidation/corrosion/ 85-13058  
 incidence angle over digital processing of LANDSAT 85-13371  
 Incineration of hazardous wastes at sea : 85-13877  
 Inclusion in the National Wilderness Preservation 85-12588  
 inclusions on the strength of wrought materials, I 85-13277  
 Income and Program Participation., Fact sheet for 85-12018  
 " and related administrative record research, 85-13565  
 " tax policy on U.S. agriculture : The effec 85-13809  
 " tax returns documentation guide., Statistic 85-13564  
 " tax returns documentation guide, Corporatio 85-13564  
 " Corporation income tax returns documentati 85-13564  
 incorporating a hybrid traction drive, An Advanced 85-13071  
 increase competition within the federal supply sch 85-13871  
 " effectiveness of domestic firefighting fo 85-13869  
 " in the Federal Unemployment Tax Rate on C 85-12625  
 " the Rates of Disability Compensation for 85-12602  
 " the Rates of Subsistence and, An Act to A 85-12602  
 Increase Productivity ..., An Act to Amend the Vo 85-12596  
 Increased duties on certain shelled filberts : 85-13846  
 Increasing productivity and administrability of th 85-13840  
 Indemnity Compensation for Surviving Spouses and C 85-12602  
 independent counsel : D.C. judges and 85-13803  
 " marketers in the post-merger petroleum 85-13931  
 index curves for the Allegheny Plateau /, Black ch 85-11900  
 " of releases / 85-13543  
 " to information. 85-13490  
 " to reports on private and public bills and r 85-13884  
 " , World port 85-12149  
 India, Mineral industry of 85-12926  
 " , Preprint from the ... Bureau of Mines Mine 85-12926  
 " , west coast, Tarapur to Bankot / 85-12199  
 India-east coast, Bay of Bengal, Palar River to Pe 85-12200  
 Indian and Alaska native housing and community dev 85-12725  
 Indian Gambling Control Act : 85-13882  
 Indian Ocean, Africa-east coast, Kenya-Tanzania, D 85-12194  
 " , Africa-East Coast, Somalia, g. Raas 85-12196  
 " , Australia-West Coast, Western Austra 85-12205  
 Indiana, metropolitan area /, Area wage survey. In 85-13014  
 " , metropolitan area, Indianapolis, 85-13014  
 Indianapolis, Indiana, metropolitan area 85-13014  
 " , Indiana, metropolitan area /, Area w 85-13014  
 Indiangrass : warm-season grass : how to identify, 85-11957  
 " , Indiangrass : warm-season grass : how 85-11957  
 indicators : a review of the literature /, Nonmetro 85-11983  
 individual , Longevity and the lifestyle of the o 85-13901  
 " retirement arrangements (IRA's). 85-13575  
 individuals., Books for blind and physically handi 85-13025  
 Indonesia, South China Sea, Yongshu Jiao to Yongde 85-12210  
 " , Sumatera-east coast, Selat Bangka and S 85-12202  
 " , Sumatera-West Coast, Padang to Bengkulu 85-12201  
 induced errors in meteorological Doppler/interfero 85-13412  
 " fluorescence of phytoplankton in non-homog 85-13353  
 " fluorescence, Shot noise limited detection 85-13453  
 " vibration and safety/relief valve loads /, 85-13740  
 industrial America /, Perfect in her place : women 85-13545  
 " gases 85-12039  
 " gases /, Current industrial reports. MA 85-12039  
 " outlook., U.S. 85-12123

- outlook, US 85-12123
- reports. M-32D, Clay construction produ 85-12036
- reports. MA-24T, Lumber production and 85-12037
- reports. MA-28A, Inorganic chemicals /, 85-12038
- reports. MA-28C, Industrial gases /, Cu 85-12039
- reports. MA-33B, Steel mill products /, 85-12040
- waste /, Use of short-term bioassays to 85-12494
- industries** in northern New England and New York /, 85-11920
- 2011 and 2013), 1982 census of manufac 85-12023
- 2911 and 2992), 1982 census of manufac 85-12029
- . Geographic area series. Arizona, 1982 85-12075
- . Geographic area series. Arkansas, 198 85-12076
- . Geographic area series. Florida, 1982 85-12077
- . Geographic area series. Louisiana, 19 85-12078
- . Geographic area series. Massachusetts. 85-12079
- . Geographic area series. Mississippi, 85-12080
- . Geographic area series. Nebraska, 198 85-12081
- . Geographic area series. North Dakota, 85-12082
- . Geographic area series. Oklahoma, 198 85-12083
- . Geographic area series. Texas, 1982 c 85-12084
- . Industry series. General contractors, 85-12046
- industry** /, An assessment of terminal blocks in th 85-13732
- ; Competitive conditions in the U.S. civ 85-13943
- ; Import relief for U.S. nonrubber footw 85-13845
- ; Review of the status of the U.S. domes 85-13822
- ; State of the U.S. automobile 85-13836
- ; State of the U.S. footwear 85-13843
- ; The current state and future prospects 85-13926
- ; U.S. steel 85-13841
- and forest products industry; Competiti 85-13943
- and their impact on small business financ 85-13929
- economic structure and policy interventi 85-11980
- in the United States, 1965-82 /, The soft 85-11929
- of Argentina, Preprint from the ... Bure 85-12913
- of Argentina, Mineral 85-12913
- of Australia, Preprint from the ... Bure 85-12914
- of Australia, Mineral 85-12914
- of Austria, Preprint from the ... Bureau 85-12915
- of Austria, Mineral 85-12915
- of Brazil, Preprint from the ... Bureau 85-12916
- of Brazil, Mineral 85-12916
- of Canada, Preprint from the ... Bureau 85-12917
- of Canada, Mineral 85-12917
- of Chile, Preprint from the ... Bureau o 85-12918
- of Chile, Mineral 85-12918
- of China, Preprint from the ... Bureau o 85-12919
- of China, Mineral 85-12919
- of Denmark and Greenland, Preprint from 85-12920
- of Denmark and Greenland, Mineral 85-12920
- of Finland, Preprint from the ... Bureau 85-12921
- of Finland, Mineral 85-12921
- of France, Preprint from the ... Bureau 85-12922
- of France, Mineral 85-12922
- of Hungary, Preprint from the ... Bureau 85-12925
- of Hungary, Mineral 85-12925
- of India, Preprint from the ... Bureau o 85-12926
- of India, Mineral 85-12926
- of Ireland, Preprint from the ... Bureau 85-12908
- of Ireland, Mineral 85-12908
- of Japan, Preprint from the ... Bureau o 85-12927
- of Japan, Mineral 85-12927
- of Malaysia, Preprint from the ... Burea 85-12929
- of Malaysia, Mineral 85-12929
- of Mexico, Preprint from the ... Bureau 85-12930
- of Mexico, Mineral 85-12930
- of New Hampshire, Preprint from the ... 85-12931
- of New Hampshire, Mineral 85-12931
- of New Zealand, Preprint from the ... Bu 85-12932
- of New Zealand, Mineral 85-12932
- of other central African countries, Prep 85-12911
- of other central African countries, Miner 85-12911
- of other east African countries, Preprin 85-12910
- of other east African countries, Mineral 85-12910
- of other west African countries, Preprin 85-12912
- of other west African countries, Mineral 85-12912
- of Peru, Preprint from the ... Bureau of 85-12933
- of Peru, Mineral 85-12933
- of Romania, Preprint from the ... Bureau 85-12935
- of Romania, Mineral 85-12935
- of Saudi Arabia, Preprint from the ... B 85-12936
- of Saudi Arabia, Mineral 85-12936
- of Spain, Preprint from the ... Bureau o 85-12937
- of Spain, Mineral 85-12937
- of Sweden, Preprint from the ... Bureau 85-12938
- of Sweden, Mineral 85-12938
- of Thailand, Preprint from the ... Burea 85-12939
- of Thailand, Mineral 85-12939
- of the Federal Republic of Germany, Prep 85-12923
- of the Federal Republic of Germany, Miner 85-12923
- of the German Democratic Republic, Miner 85-12924
- of the German Democratic Republic, Prepr 85-12924
- of the Philippines, Preprint from the .. 85-12934
- of the Philippines, Mineral 85-12934
- of the Republic of Korea, Preprint from 85-12928
- of the Republic of Korea, Mineral 85-12928
- of Turkey, Preprint from the ... Bureau 85-12940
- of Turkey, Mineral 85-12940
- report to the Subcommittee on Trade, Com 85-12981
- series. Children's outerwear, N.E.C. (ind 85-12027
- series. Construction machinery (industry 85-12032
- series. Finishing mills, N.E.C. (industry 85-12025
- series. General contractors, residential 85-12046
- series. Grocery stores (industry 5411), 85-12049
- series. Mail order houses (industry 5961) 85-12050
- series. Meat packing plants, sausages and 85-12023
- series. Men's and boys' clothing, N.E.C. 85-12026
- series. Nonferrous wire drawing and insul 85-12031
- series. Petroleum refining, lubricating o 85-12029
- series. Pressed and blown glass, N.E.C. ( 85-12030
- series. Tanks and tank components (indus 85-12033
- series. Waterproof outer garments (industr 85-12028
- series. Weaving mills, manmade fiber and 85-12024
- structure, competition, and public polic 85-13754
- to become involved in space experimentati 85-13270
- 1522, 1982 census of construction indust 85-12046
- 2221), 1982 census of manufactures. Prel 85-12024
- 2269), 1982 census of manufactures. Prel 85-12025
- 2329), 1982 census of manufactures. Prel 85-12026
- 2369), 1982 census of manufactures. Prel 85-12027
- 2385), 1982 census of manufactures. Prel 85-12028
- 3229), 1982 census of manufactures. Prel 85-12030
- 3357), 1982 census of manufactures. Prel 85-12031
- 3531), 1982 census of manufactures. Prel 85-12032
- 3795), 1982 census of manufactures. Prel 85-12033
- 5411), 1982 census of retail trade. Prel 85-12049
- 5961), 1982 census of retail trade. Prel 85-12050
- , A Competitive assessment of the United 85-12118
- , university, and research institute inter 85-13259
- industry-conducted** flight instructor refresher cli 85-13611
- inertia determined by HCMM to predict nocturnal co 85-13369
- infection** control nurses, March 4-15, 1985, Center 85-12697
- problems :criterion test., Investigating 85-12704
- infections** :criterion test., Conducting surveillan 85-12703
- ., The Study of child growth and develop 85-12680
- Infectious Diseases**., NIAID interferon reagents :a 85-12671
- infertility** :United States, 1982 /, Use of service 85-12690
- Influence** of soft inclusions on the strength of wr 85-13277

- Influences** on secondary and postsecondary vocation on weather and climate, Land-surface 85-12430
- Influenza** 85-13271
- Information** :agricultural and horticultural machine and instruction handbook no. VI-A for 85-12656
- " :animal feeds and animal feed ingredie 85-12657
- " :artists' colors, inks and ink powders 85-12978
- " :benzenoid cyclic intermediates—specia 85-12651
- " :body-supporting garments : TSUS items 85-12970
- " :butadiene, ethylene and other major p 85-12976
- " :certain organic chemical crudes : TSU 85-12972
- " developed by DOE high-level nuclear wa 85-12971
- " digest, 1985 :for popular western whit 85-12974
- " document : (integrated risk assessment) 85-12973
- " :fan, blowers, compressors, air pumps 85-13734
- " :fertilizers, other than nitrogenous, 85-12947
- " for homeowners associations., Tax 85-13574
- " for international travel., Health 85-12698
- " in a tethered subsatellite, Investigat 85-13264
- " obtained in the investigation., Barium 85-12983
- " obtained in the investigation., Cell-s 85-12984
- " on corporations., Tax 85-13570
- " on corporations., Tax 85-13571
- " on rotating biological contactors /, D 85-12490
- " package, Spanish version., Public affa 85-12642
- " program strategies and planning guide. 85-13635
- " publications., A selection of 1984 Int 85-13580
- " :pulp and paper machinery bookbinding 85-12977
- " system on the Extramural Programs of N 85-12651
- " technology R&D :critical trends and is 85-13755
- " :umbrellas, whips, riding crops, and c 85-12980
- " :Wallowa-Whitman National Forest., Cam 85-11881
- " :Wayne-Hoosier National Forest Campgro 85-11882
- " ) from (Your guide to) federal firearms 85-13584
- " , Index to 85-13490
- " , Legal services :status of forces pol 85-12251
- " , Management 85-12113
- " , Management of CAD/CAM 85-13124
- Information Act** for attorneys and access professio 85-13008
- " for attorneys and access professio 85-13009
- Information Agency** , Addendum to oversight of the 85-13853
- Information Reform Act** , The Freedom of 85-13870
- Information Technology** , Office of Software Develo 85-12553
- Infrared** aerial photography, 1982, Land use invent 85-13378
- " spectral analysis of CF<sub>3</sub>Cl 85-13224
- Infrastructure** at U.S. universities and colleges" 85-13919
- " to support domestic food irradiatio 85-13921
- Ingersoll-Rand**, Direct support and general support 85-12258
- Ingredients**, TSUS items 184.10-184.85., Summary of 85-12970
- Inheritance** of Trust or Restricted Land on the Lak 85-12592
- Inheritance Tax**, An Act to Provide That Any Osage 85-12612
- Initial assessment** :feedback for criterion test., 85-12705
- " decoupler pylon /, Ground vibration test o 85-13125
- Initialization** of a mesoscale model for April 10, 85-13140
- " of spacecraft bubble memory systems 85-13103
- Initiative** : summary., An American sunrise :the Vi 85-12012
- " : technical report /, An American sunri 85-12011
- Initiatives** to increase competition within the fed 85-13871
- Injection** molding of PMR-15 polyimide, An investig 85-13256
- " wells /, Methods for determining the mec 85-12491
- Injuries** /, An X-ray screening protocol for extrem 85-12692
- Injury** prevention programs :an administrative guid 85-12716
- Ink** powders, and paints, coating, and related item 85-12976
- Inks** and ink powders, and paints, coating, and rel 85-12976
- Inlet**, Spinning mode acoustic radiation from the f 85-13190
- Innovation** , Federal organization for technologic 85-13923
- Innovations** and federal policy /, The market for w 85-13753
- Inorganic** arsenicals., Wood preservative pesticide 85-12523
- " chemicals 85-12038
- " chemicals /, Current industrial reports. 85-12038
- Input** filter compensation for switching regulators 85-13263
- Inquiry** /, Self-paced instruction : factors critic 85-12410
- Insect** residues to aircraft wings, A Fundamental a 85-13310
- Insect-killed** lodgepole pine in the northern Rocky 85-11902
- Inservice** teacher education /, A collaborative mod 85-12466
- " workshops for secondary teachers of basi 85-12475
- Inspection** and grading programs /, List of proprie 85-11855
- " in livestock and poultry slaughter plan 85-13770
- " programs /, List of plants operating un 85-11973
- " records, malfunction investigations, an 85-12369
- " requirements; and USDA's five-point prog 85-13770
- " , care and preservation : HAWK Air Defen 85-12264
- Inspector's** handbook :part 135., Air carrier opera 85-13609
- Inspector General** /, Semiannual report of the 85-13011
- " of the Department of Defense to 85-13784
- " report to the Congress for the s 85-12722
- Installation** and service manual., HP 1000 E-series 85-12371
- " of fuel flowmeters in small airplanes 85-13610
- Installations** /, Effects of tracked vehicle activi 85-12329
- " emergency evacuation :, Offshore 85-13910
- Institute** for Computer Applications in Science and 85-13187
- " interest in the U.S. Department of Energ 85-13259
- Institutions** :a look at government laboratories /, 85-13135
- " and degree awards, 1971 to 1981 /, Gr 85-12465
- " , Courts and correctional 85-12542
- " , Directory of professional workers i 85-11875
- " , Professional workers in state agricu 85-11875
- " , Research in undergraduate 85-13472
- Instruction** : factors critical to implementation i 85-12410
- " :a background review /, Factors critic 85-12411
- " for adult immigrants from North & Cent 85-12449
- " handbook no. VI-A for automatic data p 85-12651
- " manual hygrothermometer (HO83). 85-12101
- " , NASA grant and cooperative agreement 85-13130
- Instructional** program advisory committee resource 85-12427
- Instructions** for applying for federal assistance f 85-12719
- " for forecasting decay in table grapes 85-11968
- " (SOMARPI) for spreader, lifting frame 85-12263
- " , Humanities projects in media :guide 85-13470
- " , Self aid/buddy care 85-12370
- " /tables and grids., Defense Integrated 85-12224
- " /tables and grids, DIDS procedures man 85-12224
- " /tables and grids, Multiple applicatio 85-12224
- " , terms & conditions applicable to Dep 85-12223
- Instructor** refresher clinics., Nationally schedule 85-13611
- " resource guide for teaching a course in 85-12447
- " 's guide for applied leadership developm 85-12243
- " 's guide for applied leadership developm 85-12244
- " 's guide for introduction to leadership 85-12245
- " 's readings for instructor's guide for a 85-12243
- Instrumentation** considerations in research involvi 85-12452
- " , recording, and processing of mete 85-12497
- Insular Affairs** of the House of Representatives du 85-13691
- Insulating** (industry 3357), 1982 census of manufa 85-12031
- Insulations**, Optimization of cooled shields in 85-13153
- Insurance** amount for an average male worker /, Pri 85-12645
- " coverage of the medicare population., Pr 85-12694
- " reference for U.S. ports /, Port risk ma 85-13642
- " study :city of Florence, Colorado, Fremo 85-12528
- " study :city of Liberty, Missouri, Clay C 85-12529
- Integrated** application of active controls (IAAC) t 85-13138
- " risk assessment) : final rules for radi 85-12524
- Integration** of stiff ordinary differential equatio 85-13467
- Integrity** of class II injection wells /, Methods f 85-12491
- Intended** field of study in college /, Occupational 85-12443
- Intensity** techniques at the KU-FRL acoustic test f 85-13216

- Intensive care units (ICUs): clinical outcomes, co  
 intensively cultured hybrid poplar plantations /  
 " cultured Larix eurolepis / Biomass pr  
 Interacting boundary-layer solutions for laminar s  
 Interaction of sulfuric acid corrosion and mechani  
 " test / Report on large scale molten c  
 " with automated airborne decision makin  
 " with intrinsic point defects in solar  
 Interactions /, CORCON-MOD2 :a computer program  
 fo  
 " in swept-wing flows, Six-month progre  
 Interactive dispersed storage and generation syste  
 interagency cooperation ; Oversight hearing on  
 intercalated cathode materials for use in sodium b  
 intercellular communication related to neoplasia /  
 interchange., VD  
 interdiction ; Federal drug law enforcement amd  
 interest in the U.S. Department of Energy ECUT Bio  
 " rules ; Imputed  
 Interference problems for nongeostationary satell  
 interferometer location systems, Multipath induced  
 " position location accuracy, Effects  
 " Three component velocity measureme  
 interferometry /, Deformation measurements of comp  
 interferon reagents :a program of the National Ins  
 Interim design guidelines for automated offices /  
 " reliability evaluation program :analysis o  
 Interior and Insular Affairs of the House of Repre  
 " budget in brief /, The  
 " noise problem, General aviation aircraft  
 " to Enter into Contracts or Cooperative Ag  
 " CFR. 43, Public lands,  
 " Code of Federal regulations. 43, Public  
 " Public lands,  
 intermediate vehicle model, Optimal symmetric flig  
 intermediates—specialty chemicals : TSUS items 401  
 Internal control course.  
 " control review report on the municipal wa  
 " flow problem, A semi-direct procedure usi  
 Internal Revenue Code of 1954, Cumulative list of  
 " of 1954 as of January 3, 198  
 Internal Revenue Service tax information publicati  
 International agreement on Social Security between  
 " copyright relations of the United St  
 " copyrights ; Oversight on  
 " countertrade :a guide for managers a  
 " environmental policy ; U.S.  
 " highway program., A World of technol  
 " travel., Health information for  
 International Coffee Agreement, 1983 :message from  
 " 1983, signed by th  
 International Joint Commission /, Great Lakes hydr  
 International Research and Studies Program, CFDA n  
 International Telecommunication Union and a, 1983  
 internodes in western white pine /, Short  
 interplanetary magnetic fields, Large-scale  
 " mission design handbook  
 interpolator, The Lanczos-preconditioned, folded s  
 interpretation key to Michigan land cover use, Pho  
 " of regional magnetic anomalies, The  
 " of the Art Barn in Rock Creek Park  
 " Aerosol backscatter lidar calibrat  
 Interrogation after assertion of rights /  
 intersection analysis features of the UTPS program  
 " analysis, users' guide : a guide to t  
 Interstate migration of the older veteran populati  
 Interval logic for higher-level temporal reasoning  
 interventions /, The Brazilian soybean industry :e  
 interview., How not to blow a job  
 85-13751  
 85-11918  
 85-11919  
 85-13195  
 85-13075  
 85-13727  
 85-13355  
 85-13342  
 85-13738  
 85-13312  
 85-13318  
 85-13814  
 85-13205  
 85-12667  
 85-12702  
 85-13911  
 85-13259  
 85-13837  
 85-13307  
 85-13412  
 85-13413  
 85-13064  
 85-13145  
 85-12671  
 85-12088  
 85-13729  
 85-13691  
 85-12726  
 85-13357  
 85-12585  
 85-12564  
 85-12564  
 85-12564  
 85-13211  
 85-12972  
 85-12130  
 85-12519  
 85-13068  
 85-13559  
 85-13693  
 85-13580  
 85-12639  
 85-13020  
 85-13896  
 85-12120  
 85-13858  
 85-13592  
 85-12698  
 85-13662  
 85-13662  
 85-13702  
 85-12422  
 85-13663  
 85-11913  
 85-13116  
 85-13324  
 85-12832  
 85-13385  
 85-13439  
 85-12585  
 85-13326  
 85-12996  
 85-13624  
 85-13624  
 85-13651  
 85-13185  
 85-11980  
 85-12307  
 intrinsic point defects in solar silicon ribbon ma  
 introduction to ... mines., America's fact finder,  
 " to leadership development :a course o  
 " to the inventory., Ebey's Landing Nat  
 " to the Parklawn Computer Center.  
 intrusive rocks on the Oregon and Washington conti  
 inundaciones, Aplicaciones de los sensores remotos  
 Inventions available for licensing.  
 inventory :an efficient procedure /, Understorey ve  
 " management supervisor (AFSC 64570) /  
 " of agricultural research /  
 " of agricultural research /  
 " of Salt Lake County, Utah from color inf  
 " report /, Vessel  
 " Annual housing survey, United States a  
 " Current housing reports. Series H-150,  
 " Ebey's Landing National Historical Res  
 " Financial characteristics of the housin  
 " Hocking Soil and Water Conservation Di  
 investigate thematic mapper data performance and p  
 " truck tire wet traction /, An Evaluati  
 investigated by the Federal Railroad Administratio  
 Investigating infection problems :criterion test.  
 investigation /, R. D. Bailey outlet works, Guyand  
 " into the injection molding of PMR-15  
 " into the probabilistic combination o  
 " into using the sun as a source for G  
 " no. 332-179, under section 332(b) of  
 " no. 337-TA-167., In the matter of ce  
 " no. 731-TA-149 (final) under the Tar  
 " no. 731-TA-163 (final) under the Tar  
 " of aerodynamic characteristics of wi  
 " of Cabintaxi/Cabinlift system /, Dev  
 " of chemically-induced improvement in  
 " of compounds essential for the origi  
 " of deposition patterns from an agric  
 " of dynamic noise affecting geodynam  
 " of fast initialization of spacecraft  
 " of forestry resources and other remo  
 " of gas jets in confined swirling air  
 " of image enhancement techniques for  
 " of radiometric properties of the LAN  
 " of test methods, material properties  
 " of test methods, material properties  
 " of the transient thermal analysis of  
 " report and Commandant's action., Mar  
 " Barium chloride from the People's  
 " Cell-site transceivers and subasse  
 " development, and evaluation of perf  
 investigations in snow hydrology, Landsat-D  
 " of thematic mapper and multispectra  
 " of thematic mapper and multispectra  
 " and activity reporting :operations  
 Investigations Subcommittee of the Committee on Ar  
 investigative techniques money laundering., Financ  
 investigators and their associates, 1982-1983, A b  
 " and their associates, 1983-1984 /, A  
 Investment credit.  
 " in agriculture /, An analytical framewo  
 inviscid compressible flow by the finite element m  
 " flow and boundary layer analysis to the h  
 involute spur gears, Efficiency of nonstandard and  
 involved in space experimentation, Presentation of  
 involving eye-movement contingent stimulus control  
 IO :a detection of solid sulfur dioxide particles,  
 iodide /, Laboratory measurements of parameters af  
 iodine fluorescence, Flowfield measurements in a m  
 ion radiation testing for single event upset (SEU)  
 85-13342  
 85-12017  
 85-12245  
 85-12942  
 85-12685  
 85-12835  
 85-13364  
 85-11971  
 85-11895  
 85-12401  
 85-12002  
 85-12003  
 85-13378  
 85-13643  
 85-12045  
 85-12045  
 85-12942  
 85-12045  
 85-11956  
 85-13381  
 85-13634  
 85-13605  
 85-12704  
 85-12320  
 85-13256  
 85-13038  
 85-12090  
 85-12981  
 85-12982  
 85-12983  
 85-12984  
 85-13272  
 85-13626  
 85-13099  
 85-13250  
 85-13463  
 85-13264  
 85-13103  
 85-13419  
 85-13141  
 85-13151  
 85-13376  
 85-13336  
 85-13341  
 85-13080  
 85-13623  
 85-12983  
 85-12984  
 85-13150  
 85-13368  
 85-13370  
 85-13380  
 85-12369  
 85-13784  
 85-12993  
 85-13122  
 85-13129  
 85-13573  
 85-11991  
 85-13262  
 85-13055  
 85-13081  
 85-13270  
 85-12452  
 85-13445  
 85-13745  
 85-13433  
 85-13319

" thruster, Performance capabilities of the 12-c	85-13059
ionosphere using satellite observations of 300-140	85-13206
" , Speed-dependent collision effects on r	85-13204
ions of streams in the United States /, Evaluation	85-12741
ionosphere, Effects of chemical releases by the STS	85-13171
Iowa : annual report for 1982, Research in space ph	85-13442
" , 1982 census of wholes trade. Geographic are	85-12059
IR CID technology, Astronomical application of	85-13154
IRA's), Individual retirement arrangements (	85-13575
Ireland, Mineral industry of	85-12908
" , Preprint from the ... Bureau of Mines Mi	85-12908
iron and steel plant wastewaters : a resource docum	85-12495
" , Interaction of sulfuric acid corrosion and m	85-13075
irradiated polymers /, Heterogeneous oxidative deg	85-13731
irradiation : The status of the technical infrast	85-13921
irregularities near 500 KM - equator to polar cap	85-13118
irrigated land served by the U.S. Bureau of Reclam	85-11986
irrigation pumping plant test procedure manual /,	85-12420
IRS compliance procedures :	85-13930
Ishinomaki Wan., Japan, Honshu-east coast, Shioya	85-12217
islands, Singapore Strait to Selat Bangka /, Sumat	85-12203
Isle of Portland and Pointe de Beg to Cap Frehel /	85-12174
Isole di Ponza /, Mediterranean Sea, Italy-west co	85-12188
isooctyl esters of 2,4-dichlorophenoxyacetic acid	85-12486
Isopach map of Holocene sediment, Outer Continent	85-12805
isotope data, for use with HP-86/87 microcomputers	85-12829
Issue management by school superintendents : final	85-12448
issues : summary., Information technology R&D : cri	85-13755
" : a report of citizen concerns and recommend	85-11848
" and practices report on the use of mediatio	85-13005
" for advanced orbit transfer vehicles, Propu	85-13049
" in active control of large flexible space s	85-13417
" in the eighties, current research, and long	85-11994
it-use it!, Your shoulder harness : if you've got	85-13616
Italy-east coast, Brindisi to Promontorio Del Garg	85-12191
Italy-France, Sardegna (Sardinia), northern part /	85-12190
Italy-west coast, Capo Tirone to Punta Caronia /,	85-12189
" coast, Civitavecchia to Isole di Ponza	85-12188
ITC resources catalogue.	85-13645
item no. Z12223), Hand receipt catalog covering c	85-12268
items : TSUS items 408.12, 408.48, 413.50, and 474	85-12976
" for geophysical fluid flow models, Design an	85-13163
" of secondary transfer standards calibration	85-12261
" 184.10-184.85., Summary of trade and tariff	85-12970
" 376.04-376.28., Summary of trade and tariff	85-12971
" 401.02, 401.04, 401.12-401.16, 401.20, 401.3	85-12972
" 401.06-401.10, 401.18, 401.22-401.24, 401.44	85-12973
" 408.12, 408.48, 413.50, and 474.02-474.62.,	85-12976
" 429.50-429.56., Summary of trade and tariff	85-12974
" 480.05, 480.10, 480.35-480.60, and 480.70-48	85-12975
" 661.05-661.22, 661.35-661.37., Summary of tr	85-12979
" 666.00, 666.10, 692.34, and 692.35., Summary	85-12978
" 668.00, 668.02, 668.04, 668.5, 668.06, 668.0	85-12977
" 751.05-751.25, 755.05-755.50, and 756.02-756	85-12980

## J

Jamaica., Background notes,	85-13529
" , New York, February 28, 1984 /, Aircraft a	85-13589
Jamestown, a beginning.	85-12945
Jan thru June - 1st half CY 84), Equipment improv	85-12292
" thru June - 1st half CY 84), Equipment improv	85-12293
Janeiro /, Brazil-east coast, Belmonte to Rio de	85-12166
" /, Brazil-East coast, Cabo de Sao Tome to	85-12169
January 1 - March 31, 1984, Aeronautics and Space	85-13247
January 3, 1985 /, Cross-references within the Int	85-13693
January 9, 1985 draft recodification of maritime l	85-13907
January 12, 1983 (Public Law 97-459), Joint Resol	85-12630

January 14, 1984., Geneva and beyond : new arms con	85-13522
Japan : determination of the Commission in investig	85-12984
" , Honshu-east coast, Shioya Zaki to Ishinomak	85-12217
" , Honshu-northwest coast and Kyushu north coa	85-12219
" , Honshu-northwest coast, Noto Hanto and appr	85-12215
" , Honshu-northwest coast, Tottori Ko to Mikun	85-12216
" , Honshu-south coast and Nojima Zaki to Omae	85-12218
" , Korea Strait to Mys Nizmennyy /, Asia, N.	85-12213
" , Mineral industry of	85-12927
" , Preprint from the ... Bureau of Mines Mine	85-12927
Japan-based Minebea Company : Sale of New Hampshi	85-13790
Japanese tax policy :	85-13807
jet A fuel and dry air /, Combustion gas propertie	85-13465
" effects on dual jets in a crossflow, Real	85-13361
" engine mechanic (AFSC 42654) /, F-100	85-12398
" flow phenomena in spur and helical gears with	85-13079
" flowfields, On modeling dilution	85-13070
" fuel properties on refinery costs and yields,	85-13392
Jet Propulsion Laboratory, 1982, Publications of t	85-13251
jets in a crossflow, Real jet effects on dual	85-13361
" in confined swirling air flow /, An experimen	85-13141
job analysis for reasonable accommodation., Handboo	85-13488
" interview., How not to blow a	85-12307
Jobs and research credits.	85-13577
John F. Kennedy International Airport, Jamaica, Ne	85-13589
John J. Pershing Veterans' Administration Medical.,	
An Act to Redesignate the Veterans' Administr	85-12618
joining the Army National Guard., 12 questions vet	85-12230
Joint Chiefs of Staff essay competition., Essays o	85-12222
Joint Resolution to Designate the Week Beginning M	85-12631
" to Make Technical Corrections in	85-12630
Joint Resolution Designating the Month of November	85-12577
" the week beginning on	85-12575
Joint Resolution Providing for the Reappointment o	85-12600
Joint Services Safety Conference : New London, CT,	85-13619
Joseph Karel Hasek., Veto of H.R. 1362 : message fr	85-13679
JPL technology, Nonaerospace uses of	85-13203
Juab, Utah, and Millard Counties, Utah, Geologic m	85-12841
judges and independent counsel : D.C.	85-13803
judgment /, Self-reports of teacher	85-12474
Judiciary, and related agencies appropriations for	85-13777
July 23, 1982 /, Aircraft accident report : Western	85-13588
July 25, 1984., Public relations costs charged to	85-13874
July 28, 1983 /, Railroad/highway accident report	85-13590
July 31, 1986, series W-1986., United States of Am	85-13553
June - 1st half CY 84), Equipment improvement rep	85-12292
" - 1st half CY 84), Equipment improvement rep	85-12293
June 22-24, 1983, Pasadena, California, Satellite-	85-13328
June 1978 to September 1983., Special projects for	85-12717
June 1980 to 30 April 1983 on agreement NAGS-35 an	85-13414
Junior, as a Citizen Regent of the Smithsonian Ins	85-12600
Jupiter and Saturn, Shock vaporization and the acc	85-13351
Justice building, 1934-1984 /, The fiftieth annive	85-12985
" expenditure and employment in the United S	85-13007
" practice : report to the Chairman, Subcommi	85-12534
" : publications of the National Institute of	85-13004
" system? : national debate topic for high sc	85-13660
" , cumulative supplement 1978-1982 /, Expand	85-13004
" , Military	85-12367
" , State, the Judiciary, and related agencie	85-13777
" , 1981-1985 : a report to employees /, Chal	85-12986
juvenile justice practice : report to the Chairman,	85-12534
juveniles : Preventive detention of	85-13892

## K

K-band latching switches.	85-13158
---------------------------	----------

- Kaiparowits Plateau coal fields, south-central Uta 85-12826  
 Kaleidoscopes :emerging patterns of response and a 85-12471  
 Kammon Kaikyo to Hirado Seto., Japan, Honshu-north 85-12219  
 Kansas, Nebraska, New Mexico, Oklahoma, South Dako 85-12747  
 "., 1982 census of wholesale trade. Geographi 85-12060  
 Kap Gustav Holm sheet /, Denmark Strait, Greenland 85-12179  
 Keating Uniform Shrub Garden :first year results / 85-11922  
 Kennel Peninsula west of the Port Graham Fault, Ala 85-12830  
 Kentucky and Tennessee region, A compilation of mi 85-13411  
 "., Floods on Tennessee River and Cypress a 85-13762  
 "., 1982 census of wholesale trade. Geograp 85-12061  
 Kenya-Tanzania, Dar es Salaam to Mombasa Harbor /, 85-12194  
 Kepulauan Mentawai /, Indonesia, Sumatera-West Coa 85-12201  
 key parameters affecting historic communications s 85-13052  
 " to Michigan land cover use, Photo interpretati 85-13385  
 Khawr-E Musa /, Persian Gulf, Kuwait-Iraq-Iran, Ou 85-12198  
 kHz :area 01 Northern Europe, Station F (Argentina 85-12150  
 " :area 04, Alaska, station E (Reunion) /, Omega 85-12151  
 " :area 04, Alaska, station G (Australia) /, Ome 85-12152  
 " :area 06, Greenland, station A (Norway) /, Ome 85-12153  
 " :area 07, Mediterranean, station H (Japan) /, 85-12154  
 " :area 08, Asia, station C (Hawaii) /, Omega pr 85-12155  
 " :area 09, Northwest Pacific Station G (Austral 85-12156  
 " :area 10, central Pacific, station G (Australi 85-12157  
 " :area 11, North America, station G (Australia) 85-12158  
 " :area 17, east Pacific, station D (North Dakot 85-12159  
 Kidney & urinary tract diseases and treatment / 85-12676  
 " dialysis and transplant services /, Nationa 85-12718  
 Kiluaea Volcano, Hawaii, 1956-1983 /, Magma supply 85-12734  
 kills for NOx reduction /, Combustion modification 85-12508  
 Kinematic analysis of Hurricane Frederic (1979) u 85-13451  
 " :stirling engine as an energy conversion 85-13313  
 kinetic energy study of the meso B-scale storm env 85-13139  
 kitchens from federal inspection requirements; and 85-13770  
 kits, and outfit components list :calibration set 85-12268  
 " , and outfits, components list for shop equipm 85-12267  
 KM - equator to polar cap topside sounder Z mode o 85-13118  
 know about marijuana., For parents only :what you 85-12713  
 knowledge in criminal justice :publications of the 85-13004  
 " in teacher education and teaching /, The 85-12473  
 Kolob, Alton, and Kaiparowits Plateau coal fields, 85-12826  
 Korea, Mineral industry of the Republic of 85-12928  
 " , Preprint from the ... Bureau of Mines Mine 85-12928  
 Korea Strait to Mys Nizmeny /, Asia, N. Korea-S. 85-12213  
 Koyukuk lowland, Alaska, Photo-interpretation map 85-12824  
 kraft paperboard production /, Computer model for 85-11935  
 KU-FRL acoustic test facility, Measurement of tran 85-13216  
 Kuwait-Iraq-Iran, Outer Approaches to Shatt Al Ara 85-12198  
 Kyushu north coast, Kammon Kaikyo to Hirado Seto., 85-12219

## L

- La Plata to Bahia Blanca /, South America, Argenti 85-12165  
 La Lema WSA, Ojito WSA, Rio Chamba WSA, Sabinoso 85-12968  
 W 85-12828  
 La Purisima-Paso Hondo :area, Baja California Sur, 85-13689  
 Labor during the ... Congress., Report on the acti 85-12274  
 " :negotiation techniques, Advanced 85-13016  
 " :standards provisions applicable to contracts 85-12136  
 " :surplus areas /, Prime contract awards in 85-12137  
 " :surplus areas /, Prime contract awards in 85-12138  
 " :surplus areas /, Prime contract awards in 85-12139  
 " , Health and Human Services, and Education, a 85-12636  
 " , Health and Human Services, Education, and r 85-13778  
 " , House of Representatives /, Better monitori 85-12534  
 Labor-management relations and employee health and 85-13815  
 laboratories /, The management of research institu 85-13135  
 " for slow, latent, and temperate virus 85-12680  
 Laboratory measurements of parameters affecting we 85-13745  
 " , Orbiting dynamic compression 85-13296  
 Laboratory Animals Act; and enforcement of the Ani 85-13771  
 laharc breccia, basin and range province, Idaho / 85-12767  
 Lake States /, A new look at red pine financial re 85-11897  
 Lake Traverse Indian Reservation, North Dakota and 85-12592  
 lambda methods, Three-dimensional implicit 85-13186  
 lamblia cysts by drinking water treatment plants / 85-12487  
 laminar separated flow past airfoils, Interacting 85-13195  
 laminates under loads simulating low-velocity impa 85-13097  
 " with negative through-the-thickness Pois 85-13288  
 Lance Field Artillery Missile System., List of app 85-12259  
 Lanczos-preconditioned, folded skin (sin x)/x inte 85-12832  
 Land and resource management plan :draft environme 85-11947  
 " and resource management plan :Nantahala & Pis 85-11949  
 " and resource management plan (proposed), Med 85-11948  
 " cover use, Photo interpretation key to Michig 85-13385  
 " in the United States :preliminary estimates f 85-11998  
 " management decisions, Identifying environment 85-13379  
 " management programs for agriculture in southw 85-11996  
 " mobile satellite service (LMSS) channel simul 85-13332  
 " mobile satellite system mission /, RF charact 85-13144  
 " protection plan for Lower Rio Grande Valley N 85-12953  
 " served by the U.S. Bureau of Reclamation /, P 85-11986  
 " treatment of hazardous industrial waste /, Us 85-12494  
 " use inventory of Salt Lake County, Utah from 85-13378  
 " within the Sabine National Forest to Be Used 85-12610  
 " , the people, the place : an introduction to t 85-12942  
 Land-surface influences on weather and climate 85-13271  
 land-use conversion on water runoff and soil erosi 85-11967  
 landforms of the Nogahabara Sand Dunes and part of 85-12824  
 landing approach lateral control gearing using sim 85-13085  
 Landing National Historical Reserve :the land, the 85-12942  
 lands for military purposes /, Withdraw and reserv 85-13821  
 " in the western United States, Computer progr 85-12833  
 " :short-run fiscal impacts /, Use valuation o 85-11909  
 " , interior., Code of Federal regulations. 43, 85-12564  
 " , interior., Public 85-12564  
 " , interior, CFR. 43, Public 85-12564  
 " , Seneca County, Ohio., Conveyance of public 85-12621  
 LANDSAT data, The effects of solar incidence angle 85-13371  
 " imagery, Spatial reasoning to determine st 85-13405  
 " no periodo de 1973 a 1981, Levantamento da 85-13384  
 " 4 band 6 data evaluation 85-13365  
 " 4 band 6 data evaluation 85-13375  
 " 4 investigations of thematic mapper and mu 85-13370  
 " 4 investigations of thematic mapper and mu 85-13380  
 " 4 program 85-13366  
 LANDSAT-D imaging system, Evaluation of radiometri 85-13386  
 " investigations in snow hydrology 85-13368  
 " thematic mapper image dimensionality red 85-13374  
 " thematic mapper performance as applied t 85-13367  
 LANDSAT-4 multispectral scanner, Investigation of 85-13376  
 " thematic mapper modulation transfer func 85-13377  
 LANDSAT-4 MSS and TM data, CCRS proposal for 85-13422  
 evalu 85-12948  
 Landscape study and management alternatives for re 85-13034  
 Langley 0.3-meter transonic cryogenic tunnel, High 85-13042  
 " 4- by 7-meter tunnel, Pressure distributio 85-13441  
 Langley Research Center on grant NAG-317 entitled 85-12468  
 language and reading skills among limited English- 85-12133  
 " arts. 85-12456  
 " arts and reading., Heuristic methods for 85-12128  
 " course., American 85-13117  
 " features for a network of heterogeneous a 85-12450  
 " project /, Final report of the Haitian/En 85-13105  
 " , Understanding a technical

- lanthanum in bedrock samples, western Chichagof-Ya 85-12803
- LARC, Computer generated animation and movie produ 85-13202
- large aircraft, Summary of airworthiness directive 85-13613
- " aircraft, Summary of airworthiness directive 85-13614
- " amounts of tritium /, Alternative containers 85-13741
- " arrays, A model for the distributed storage 85-13180
- " capacity wells basin and range province, Ore 85-12777
- " flexible space structures, Reliability issue 85-13417
- " flexible space structures-VI, The Dynamics a 85-13363
- " scale molten core/magnesia interaction test 85-13727
- large-rotation, nonlinear analysis of shells of re 85-13462
- Large-scale interplanetary magnetic fields 85-13116
- Larix eurolepis /, Biomass production of 12-year-o 85-11919
- Larridae) /, Revision of North American Liris Fabr 85-13548
- Las Cruces District wilderness final environmental 85-12965
- Las Vegas, Nevada, as the "Foley Federal Building 85-12616
- laser induced fluorescence of phytoplankton in non 85-13353
- " induced fluorescence, Shot noise limited det 85-13453
- " ranging station, The construction of a highl 85-13434
- " traveling wave amplifier, Dye 85-13408
- Laser-assisted solar cell metallization processing 85-13348
- " solar cell metallization processing 85-13349
- laser-excited Raman spectroscopy /, In situ analy 85-12493
- laser-induced iodine fluorescence, Flowfield measu 85-13433
- Laser-initiated combustion studies on metallic all 85-12089
- lasers and development of tunable solid state lase 85-13356
- " for remote sensing, Lead salt diode lasers 85-13356
- " "Long range coherence in free electron 85-13285
- latching switches, K-band 85-13158
- late model vehicle components relating to the impl 85-13629
- latency estimation using functional fault modeling 85-13230
- latent, and temperate virus infections, The Study 85-12680
- later career and professional performance: fin 85-12458
- lateral control gearing using simulation and a vis 85-13085
- launch vehicles, Space 85-13133
- " , Atmospheric environment for space shuttle 85-13041
- laundering, Financial investigative techniques mo 85-12993
- Lavoie model LA265A), Calibration procedure for o 85-12279
- Law enforcement. 85-12543
- " enforcement and interdiction ;, Federal drug 85-13911
- " , An Act to Prevent Disruption of the Structur 85-12599
- Law-Related Education Program., Application for gr 85-12421
- lawnmowers, and tractors, TSUS items 666.00, 666.1 85-12978
- laws ... as amended through December 31, 1984 /, A 85-13812
- " /, Section-by-section comparison of January 9 85-13907
- " and published ordinances, firearms, State 85-13583
- " and regulations governing settlement of highw 85-13597
- " , and resolutions affecting the business of th 85-13659
- " , Multidimensional explicit difference schemes 85-13181
- layer analysis to the hub-shroud contouring of a r 85-13055
- " on compressor cascade blades, The boundary 85-13244
- layers, COSAL, a black-box compressible stability 85-13149
- " , Direct simulations of chemically reacting 85-13391
- " , 1, Final report to The National Aeronautic 85-13441
- LA265A), Calibration procedure for oscilloscope; 85-12279
- leachate characteristics from selected municipal s 85-12492
- Leaching and selected hydraulic properties of proc 85-12480
- " of boric acid and resin LWR wastes topic 85-13737
- lead /, Optimum sampling site exposure criteria fo 85-12521
- " in bedrock samples, western Chichagof-Yakobi 85-12801
- " inservice workshops for secondary teachers of 85-12475
- " salt diode lasers and development of tunable 85-13356
- leader's guide /, Take off for opportunities : 85-13608
- leadership and management : (reference part two, le 85-12244
- " development), Student text for seminar 85-12244
- " development : a course outline : leaders 85-12245
- " development, leadership development 3 / 85-12243
- " development 1 /, Instructor's guide for 85-12245
- " development 3 /, Instructor's readings 85-12243
- " development 3 : instructor's guide for 85-12244
- " education I / 85-12381
- leading edge extensions on thick delta wings, An a 85-13429
- Leadville to Pueblo, Colorado /, Water-resources a 85-12749
- Leak-Before-Break in Nuclear Reactor Piping :held 85-13747
- learn how to prevent crime tool" :the crime preve 85-12232
- learned in college for later career and profess 85-12458
- " in utility management and the status of th 85-13922
- learning and career development /, Career after 85-12459
- " styles of Chinese immigrant students :fin 85-12445
- lease conversion /, Draft environmental impact sta 85-12727
- " conversion :socioeconomic technical report / 85-12960
- ledger, users manual., Automated data systems manu 85-12317
- Legal services :status of forces policies, procedu 85-12251
- " services technician (AFSC 70570) / 85-12403
- " services technician (AFSC 70570) / 85-12404
- " system, the U.S. Forest Service, and human-c 85-11898
- Legal Division., Attorney careers with the 85-13552
- legislation ;, South Africa 85-13855
- " , Spare parts 85-13789
- " , Barley :background for 1985 farm 85-11870
- " , Corn :background for 1985 farm 85-11864
- " , Cotton :background for 1985 farm 85-11869
- " , Dairy :background for 1985 farm 85-11867
- " , Federal credit programs for agricult 85-11873
- " , History of agricultural price-suppor 85-11874
- " , Oats :background for 1985 farm 85-11866
- " , Peanuts :background for 1985 farm 85-11862
- " , Rice :background for 1985 farm 85-11863
- " , Sorghum :background for 1985 farm 85-11868
- " , Soybeans :background for 1985 farm 85-11865
- " , Sugar :background for 1985 farm 85-11871
- " , Tobacco :background for 1985 farm 85-11861
- " , Wheat :background for 1985 farm 85-11860
- Legislative and review activities of the Committee 85-13691
- " branch appropriations for fiscal year 85-13779
- " review activity during the ... Congres 85-13686
- Leka /, Norway-west coast, Brandsfjord to 85-12183
- Lemon Bugt to Storo /, Denmark Strait, Greenland ( 85-12178
- lens industry :structure, competition, and public 85-13754
- Leptodactylidae) /, Variation, systematics, and zo 85-13547
- less than herbicides /, Releasing young hardwood c 85-11901
- lesson plans, Hip pocket 85-12234
- Lessons learned in utility management and the stat 85-13922
- Lester battery charger in electric vehicles, Perfo 85-13315
- letters, and notices., Catalog of federal tax form 85-13557
- Levantamento da frequencia de cobertura de nuvens 85-13384
- level I /, MOS 45B small arms repairer, skill 85-12332
- " I /, MOS 45N, tank turret mechanic, skill 85-12333
- " program guide /, Nursing service administrat 85-13647
- " 1, MOS 93J., Air traffic control radar contr 85-12270
- levels and on water quality in the Santa Barbara G 85-12738
- " and OSHA hazard communication standards ;, 85-13817
- " 1/2 : soldier's manual., Aircraft fire cont 85-12271
- " , Great Lakes water 85-12110
- " , springs, and depth to ground water, basin 85-12751
- " , springs, and depth to ground water, basin 85-12760
- " , springs, and depth to ground water, basin 85-12770
- " , springs, and depth to ground-water, basin 85-12775
- " , springs, and depth to ground-water, basin 85-12778
- " , springs, and depth to ground water, basin 85-12782
- " , springs, and depth to ground waters, basin 85-12757
- " , springs, and depth to ground waters, basin 85-12765
- " , springs, and depth to ground waters, basin 85-12785
- liability ;, Radiation cancer 85-13906
- " laws /, Section-by-section comparison of 85-13907
- Liberia, post report. 85-13533
- Liberty, Missouri, Clay County., Flood insurance s 85-12529

## libraries

libraries :administration and management / , Scient 85-13026  
 " and library collections. 85-12547  
 library collections, Libraries and 85-12547  
 " data base guide. 85-12991  
 Library Services and Construction Act, 1984 : , Rea 85-13904  
 " handbook. 85-12990  
 Libya-Gulf of Sidra, Ra's AlUwayja' to Ra's Tawini 85-12193  
 license for R.E. Ginna Nuclear Power Plant, docket 85-13710  
 " no. NPF-23., Technical specifications, Byr 85-13716  
 " no. NPF-26., Technical specifications, Wat 85-13712  
 " no. NPF-30., Technical specifications, Cal 85-13713  
 " plates / 85-13601  
 licensing :middle San Joaquin Valley basin : Fresn 85-12417  
 " study :phase 1., Materials 85-13724  
 " , Inventions available for 85-11971  
 lidar calibration and data interpretation, Aerosol 85-13326  
 " measurements, Identification of aerosol compo 85-13240  
 life : U.S. Coast Guard Marine Board of Investigat 85-13623  
 " and contributions of Milton R. Young, Ninety- 85-13661  
 " of treated and untreated Rocky Mountain area 85-11923  
 " Deposition stress effects on thermal barrier 85-13056  
 " , Effects of surface chemistry on hot corrosio 85-13398  
 " , Investigation of compounds essential for the 85-13250  
 lifelong learning and career development / , Career 85-12459  
 lifestyle of the older individual : , Longevity and 85-13901  
 lift model, A numerical study of the controlled fl 85-13152  
 lifting frames, NSN 3990-01-128-0089 (linefast mod 85-12263  
 light / , Seasonal effects on mood :the role of 85-12708  
 " list / 85-13621  
 light-frame walls sheathed on two sides / , Racking 85-11892  
 lightning return stroke channels, Tortuosity of 85-13119  
 " , Correlated measurements of UHF radar si 85-13084  
 likelihood estimator / , A Monte Carlo comparison o 85-13143  
 limb volume measuring system, Development of 85-13177  
 limited Aviation Weather Reporting Stations (LAWRS 85-12016  
 " detection of OH using the technique of las 85-13453  
 " English-speaking students from Spanish-spe 85-12468  
 limonitic hydrothermal alteration for portions of 85-12816  
 LIN T10038), Hand receipt catalog covering conten 85-12267  
 Lincoln and Uinta Counties, Wyoming, and Rich Coun 85-12812  
 Lindemes to Nordkapp / , Norway, 85-12182  
 line item no. Z12223), Hand receipt catalog cover 85-12268  
 linear array synthesis technique using a personal 85-12362  
 " feature detection to investigate thematic m 85-13381  
 " potential flows about arbitrary configurati 85-13136  
 " quadratic regulators with nonlinearities / , 85-13461  
 linearly polarized antennas and radio waves in sat 85-12117  
 linefast model, Operator's and organizational main 85-12263  
 liner / , Materials for advanced turbine engines (M 85-13399  
 " / , Materials for advanced turbine engines (M 85-13400  
 " retention design for self-lubricating bushin 85-13076  
 link design in compliance with systems performance 85-12116  
 liquid fuel sprays, Combustion characteristics in 85-13430  
 " water and surface winds over the global oce 85-13115  
 " water content, and vertical profiles of tem 85-13231  
 liquids part 195., Pipeline safety regulations :en 85-13639  
 liquified natural gas, part 193 : hazardous liquid 85-13639  
 list / , Light 85-13621  
 " / , NIH publications 85-12652  
 " :calibration set, secondary transfer standard 85-12268  
 " for radio frequency plug-in, Weinschel Engine 85-12262  
 " for selected items of secondary transfer stan 85-12261  
 " for shop equipment, canvas and glass shop, sh 85-12267  
 " of applicable publications (LOAP) for Lance F 85-12259  
 " of material relating to the music of Morocco. 85-13017  
 " of organizations described in section 170 (c) 85-13559  
 " of plants operating under USDA poultry and eg 85-11973  
 " of proprietary substances and nonfood compoun 85-11855  
 " of publications / 85-11934

## Title Keyword Index

" of publications / 85-13757  
 " of published soil surveys. 85-11961  
 " of storage and outloading drawings for ammuni 85-12272  
 " , Building materials :trade 85-12119  
 " , N.I.H. publications 85-12652  
 " , October 1984., Hazardous waste sites :descri 85-12479  
 " , The militarily critical technologies 85-12131  
 listing of providers furnishing kidney dialysis an 85-12718  
 " of real property owned by the United State 85-12554  
 " of recent Official gazette notices, re Pat 85-12092  
 " , June 1978 to September 1983., Special pro 85-12717  
 lists :drier-mixer, bituminous-concrete materials, 85-12255  
 " (including depot maintenance repair parts an 85-12258  
 " :roller, motorized, gasoline engine, 3 wheel 85-12256  
 " :roller, motorized, gasoline engine, 3 wheel 85-12257  
 " ) :compressor, rotary, air, wheel mounted, pn 85-12258  
 " ) together with supplemental operating mainte 85-12263  
 literature / , Nonmetropolitan fiscal indicators a 85-11983  
 Little John Creeks in the vicinity of Calvert City 85-13762  
 livestock and poultry slaughter plants : , Meat, Po 85-13770  
 " producers : , Review the impact of Canadi 85-13768  
 living bone and its application to space flight, A 85-13176  
 LMSS) channel simulator, Land mobile satellite ser 85-13332  
 Load-testing vehicles used to handle missiles and 85-12275  
 loaded floors :a beam-spring analog / , Deflections 85-11893  
 loading (CSDOOR) / , Users guide :computer program 85-12321  
 loads / , Water hammer, flow induced vibration and 85-13740  
 " analysis, The ASTRO-1 preliminary design rev 85-13040  
 " of the Mod-2 wind turbine, Effect of vortex 85-13062  
 " simulating low-velocity impact, Delamination 85-13097  
 LOAP) for Lance Field Artillery Missile System., L 85-12259  
 loblolly pine plantations in the lower Coastal pla 85-11943  
 local connective heat transfer coefficients of fou 85-13397  
 " effects of partly-cloudy skies on solar and 85-13218  
 " relaxation factor and its application to an 85-13068  
 Local Governments Receiving Federal Financial Assi.,  
 An Act to Establish Uniform Audit Require-  
 ments 85-12583  
 Local Officials and Small Business Initiatives., I 85-13540  
 " on Small Business, December 5-7, 1 85-13541  
 locality map for the White Cloud-Boulder roadless 85-12808  
 location accuracy, Effects of spacecraft reflectio 85-13413  
 " systems, Multipath induced errors in mete 85-13412  
 locations, Qualification testing of solar photovol 85-13155  
 " , Solar photovoltaic powered refrigerator 85-13159  
 locking synchronizer, Weinschel engineering model 85-12277  
 Lodgepole pine dwarf mistletoe / 85-11890  
 " pine in the northern Rocky Mountains / , 85-11902  
 logging for radium-226 :recommended procedures and 85-13726  
 " residue in Montana / , Estimators and chara 85-11903  
 logic for higher-level temporal reasoning, An Inte 85-13185  
 logical step / , Space station :the next 85-13032  
 Logistics plans specialist (AFSC 66150) / 85-12402  
 logs for 23 test holes in south-central Nebraska, 85-12827  
 "Long range coherence in free electron lasers" 85-13285  
 long-term aging at 760°C in low-pressu 85-13061  
 " farm policy to succeed the Agriculture a 85-13767  
 " forecasting., Consortium on Trade Resear 85-11994  
 Longevity and the lifestyle of the older individua 85-13901  
 Longrun changes in world food supply and demand : 85-11987  
 Lookout Ridge quadrangle, Engineering-geologic map 85-12809  
 Loran-C receiver, Processor-controlled timing modu 85-13448  
 " secondary phase correction table :central 85-12160  
 los objetivos profesionales : equal employment opp 85-13476  
 " sensores remotos a problemas hidrologicos e in 85-13364  
 loss and turbulence characteristics of four tube-b 85-13093  
 " characteristics using acoustic intensity tech 85-13216  
 " of life : U.S. Coast Guard Marine Board of In 85-13623

- Louisiana** pine-hardwood sites /, Deer and cattle f 85-11908  
 " 's rural lands :short-run fiscal impacts 85-11909  
 " .. 1982 census of service industries. Geo 85-12078  
**Louisiana Power & Light Company**., Safety evaluatio 85-13705  
**low** cost cockpit procedures trainer /, Training ef 85-12339  
**Low-cost** single-crystal turbine blades / 85-13156  
**low-emission**, high-efficiency coal burners :fourth 85-12514  
**Low-frequency** switching voltage regulators for ter 85-13050  
**low-level** radioactive-waste disposal site near She 85-12792  
 " radioactive wastes and waste packages of 85-13736  
 " wastes :annual report /, Organic complex 85-13743  
 " wastes containing large amounts of triti 85-13741  
**low-pressure** hydrogen, Creep-rupture behavior of c 85-13061  
**low-velocity** impact, Delamination growth analysis 85-13097  
**lower** Coastal plain of the Carolinas, Georgia, and 85-11943  
 " mantle heterogeneity, dynamic topography and 85-13284  
 " Mississippian (?) Kanayut Conglomerate, Broo 85-12736  
 " troposphere, Remote measurements of ozone, w 85-13231  
**Lower Mississippi River** regional barge fleetings as 85-13640  
 " regional barge fleetings as 85-13641  
**Lower Rio Grande Valley National Wildlife Refuge** i 85-12953  
**lowland**, Alaska, Photo-interpretation map of surfi 85-12824  
**Lubricant** jet flow phenomena in spur and helical g 85-13079  
**lubricating** oils and greases (industries 2911 and 85-12029  
**Lumber** production and mill stocks 85-12037  
 " production and mill stocks /, Current indus 85-12037  
 " recovery from insect-killed lodgepole pine 85-11902  
**lunar** and planetary science conference, March 12-1 85-13440  
 " samples, Mineralogic and petrologic studies 85-13424  
**Luxembourg**., Background notes, 85-13530  
**LWR** wastes :topical report /, Solidification and l 85-13737  
**Lynyrd** 30 x 60 minute quadrangle, Tooele, Juab, U 85-12841  
**1983** /, Research on mathematics education reported 85-12472
- M**
- M-32D**, Clay construction products /, Current indus 85-12036  
**MA-24T**, Lumber production and mill stocks /, Curre 85-12037  
**MA-28A**, Inorganic chemicals /, Current industrial 85-12038  
**MA-28C**, Industrial gases /, Current industrial rep 85-12039  
**MA-33B**, Steel mill products /, Current industrial 85-12040  
**machine**, Design, development and use of the finite 85-13178  
**machinery** : TSUS items 668.00, 668.02, 668.04, 668 85-12977  
 " bookbinding machinery : TSUS items 668.0 85-12977  
 " in place (major group 22), 1982 census 85-12034  
 " (industry 3531), 1982 census of manufac 85-12032  
 " , lawnmowers, and tractors, TSUS items 66 85-12978  
**machines** : TSUS items 661.05-661.22, 661.35-661.37 85-12979  
**Madera**, Mariposa, and Merced Counties, California. 85-12417  
**Magma** supply and storage at Kilauea Volcano, Hawai 85-12734  
**magnesia** interaction test /, Report on large scale 85-13727  
**magnetic** anomalies, The magnetic petrology of the 85-13439  
 " field data, Potential utility of future s 85-13409  
 " field from the space station, Observation 85-13120  
 " fields, Large-scale interplanetary 85-13116  
 " petrology of the deep crust and the inter 85-13439  
 " properties of Martian surface material 85-13243  
 " resonance imaging / 85-12650  
 " tape reporting for Form 941, Employers qu 85-13581  
**Magnetohydrodynamics** and the National Coal Science 85-13819  
**magnetospheric** research, Plasma and 85-13170  
**Mail** order houses (industry 5961), 1982 census of 85-12050  
 " system, The development of efficient coding f 85-13227  
 " .., Preparing business and courtesy reply 85-13478  
**main** reflector, Secondary pattern computation of a 85-13089  
**Maine** :report (to accompany S.J. Res. 25), Redesi 85-13664  
 " 's Home Equity Conversion Task Force /, Devel 85-12721  
**maintainability** /, Cost savings potential from imp 85-13625
- maintenance** and material management (3-M) systems. 85-12350  
 " and repair parts instructions (SOMARPI 85-12263  
 " digest :DRAGON Medium Antitank/Assault 85-12291  
 " digest :HAWK Air Defense Guided Missil 85-12290  
 " digest :Multiple Launch Rocket System, 85-12294  
 " digest : (Nike-Hercules and Improved Ni 85-12289  
 " digest (US Army Tank-Automobile Comman 85-12292  
 " digest (US Army Tank-Automotive Comman 85-12293  
 " environment :a view from active-duty m 85-12409  
 " manual, 2-line and 8-line communicati 85-12372  
 " manual (including repair parts and spe 85-12263  
 " manual :radar set AN/MPQ-51 (XO-1) (Im 85-12260  
 " organization amendments of 1984 :repor 85-13665  
 " performance guides., Pavement and shou 85-13596  
 " personnel /, Analysis to improve the m 85-12409  
 " procedures with illustrated parts brea 85-12375  
 " procedures with illustrated parts brea 85-12376  
 " procedures with illustrated parts brea 85-12377  
 " repair parts and special tools list fo 85-12261  
 " repair parts and special tools list fo 85-12262  
 " repair parts and special tools lists : 85-12255  
 " repair parts and special tools lists : 85-12256  
 " repair parts and special tools lists : 85-12257  
 " repair parts and special tools lists ( 85-12258  
 " scheduling specialist (AFSC 39250) / 85-12394  
 " technology., Methods of effective tran 85-13594  
**major** changes in control rooms /, Identification a 85-13742  
 " dissolved ions of streams in the United Stat 85-12741  
 " economic studies of residential photovoltaic 85-13350  
 " group 22), 1982 census of manufactures. Pre 85-12034  
 " primary olefins, and certain other hydrocarb 85-12974  
 " retail centers in standard metropolitan stat 85-12051  
 " retail centers in standard metropolitan stat 85-12052  
 " tax reform options : 85-13838  
 " uses of land in the United States :prelimina 85-11998  
**major-disaster** declarations, Governor's checklist 85-12527  
**Make Technical Corrections** in the Act of January 1 85-12630  
 " with Respect to the Ret 85-12598  
**Malaysia**, Mineral industry of 85-12929  
 " .., Preprint from the ... Bureau of Mines M 85-12929  
**male** worker /, Primary insurance amount for an ave 85-12645  
**malfunction** investigations, and activity reporting 85-12369  
**malignant** neoplasms /, Selected abstracts on effec 85-12666  
**Mammals** and reptiles. 85-12541  
**manage** Indiangrass., Indiangrass :warm-season gras 85-11957  
**managed** by federal agencies /, River information d 85-12947  
**management** /, Five southern California oaks :ident 85-11940  
 " /, Scientific and technical libraries : 85-13026  
 " .., Federal minerals royalty 85-13881  
 " alternatives for revegetation :Whitman 85-12948  
 " analysts., Training and planning guide 85-13491  
 " and insurance reference for U.S. ports 85-13642  
 " and organizational technologies of Chin 85-11954  
 " and the status of the R&D program follo 85-13922  
 " by school superintendents :final report 85-12448  
 " decision rule tables., Defense Integrat 85-12226  
 " decision rule tables, DIDS procedures m 85-12226  
 " decision rule tables, Materiel 85-12226  
 " decisions, Identifying environmental fe 85-13379  
 " for the 1980s /, Timber 85-12962  
 " framework plan summary., Price River Re 85-12959  
 " guidebook:a risk management and insuran 85-13642  
 " information. 85-12113  
 " initiatives to increase competition wit 85-13871  
 " of Atlantic Striped Bass, and for Other 85-12632  
 " of CAD/CAM information 85-13124  
 " of research institutions :a look at gov 85-13135  
 " plan and final environmental impact sta 85-12728

- " plan :draft environmental impact statem 85-11947  
 " plan :Hampton National Historic Site, 85-12943  
 " plan :Nantahala & Pisgah National Fores 85-11949  
 " plan (proposed), Medicine Bow National 85-11948  
 " policies ; NRC 85-13825  
 " programs for agriculture in southwest G 85-11996  
 " :reference part two, leadership develo 85-12244  
 " reform : where we are and where we're h 85-13497  
 " review :Utah projects office, 1983 /, R 85-12900  
 " :revisions for September 1984., Manual 85-12114  
 " skills for infection control nurses, Ma 85-12697  
 " specialist (AFSC 27132) /, Apprentice o 85-12385  
 " supervisor (AFSC 64570) /, Inventory 85-12401  
 " (3-M) systems., Personnel qualification 85-12350  
 manager M1 Abrams tank system., Materiel fielding 85-12238  
 " 's guide to understanding river use and use 85-11945  
 managers and executives /, International countertr 85-12120  
 Manasota Basin, Manatee and Sarasota Counties, Flo 85-12748  
 Manatee and Sarasota Counties, Florida /, Water re 85-12748  
 Manatee County, Florida /, Soil survey of 85-11962  
 manmade fiber and silk (industry 2221), 1982 cens 85-12024  
 Manned geosynchronous mission requirements and sys 85-13253  
 " space activities, Radiation protection for 85-13228  
 manpower, personnel, and training, Evaluation of t 85-13321  
 Manti 30 x 60-minute quadrangle, Utah /, Map show 85-12889  
 mantle beneath the Cascade Range, The upper 85-13450  
 " heterogeneity, dynamic topography and the g 85-13284  
 " , Anisotropic models of the upper 85-13255  
 manual /, Particulate data reduction (PADRE) syste 85-12517  
 " /, Technical irrigation pumping plant test 85-12420  
 " : skill level 1, MOS 93J., Air traffic cont 85-12270  
 " :a supplement to the United States Governme 85-12093  
 " containing the standing rules, orders, laws 85-13659  
 " for teaching language arts and reading., He 85-12456  
 " for the NASA/JPL synthetic aperture radar a 85-13232  
 " hygrometer (HO83), Instruction 85-12101  
 " (including repair parts and special tools l 85-12263  
 " :Nonappropriated Funds Information Standard 85-12317  
 " of regulations and procedures for federal r 85-12114  
 " phase II, electricity, electronics, and ele 85-12340  
 " :radar set AN/MPQ-51 (XO-1) (Improved Hawk 85-12260  
 " :shipment, handling, storage, inspection, c 85-12264  
 " :waterbody surveys and assessments for cond 85-12525  
 " , Aircraft fire control repairer, MOS 68J : 85-12271  
 " , Automated data systems manual, Nonappropr 85-12240  
 " , Automated data systems manual :Nonappropr 85-12317  
 " , Command assessor team 85-12358  
 " , Emergency room 85-13646  
 " , HP 1000 E-series computer, HP 2109B and H 85-12371  
 " , Nonappropriated Funds Information Standard 85-12240  
 " , Patents and trademarks style manual :a su 85-12093  
 " , PDSS/IMC qualification test, user's 85-13165  
 " , Vol. 10, Multiple application references/i 85-12224  
 " , Vol. 11, Edit/validation criteria., Defens 85-12225  
 " , Vol. 11, Edit/validation criteria, D.I.D.S 85-12225  
 " , Vol. 11, Edit/validation criteria, DIDS pr 85-12225  
 " , Vol. 13, Materiel management decision rule 85-12226  
 " , Vol. 14, Reports and statistics., Defense 85-12227  
 " , Vol. 14, Reports and statistics, D.I.D.S. 85-12227  
 " , Vol. 14, Reports and statistics, DIDS proc 85-12227  
 " , Vol. 16, Remote terminal system., Defense 85-12228  
 " , Vol. 16, Remote terminal system, D.I.D.S. 85-12228  
 " , Vol. 16, Remote terminal system, DIDS proc 85-12228  
 " , 2-line and 8-line communications multiple 85-12372  
 Manufacture of DPFC-DMS polymer in the SKG range 85-13455  
 manufacturers' measurements., Automobile 85-12530  
 manufactures. Preliminary report. Geographic area 85-12020  
 " Preliminary report. Geographic area 85-12021  
 " Preliminary report. Geographic area 85-12022  
 " Preliminary report. Industry series. 85-12023  
 " Preliminary report. Industry series. 85-12024  
 " Preliminary report. Industry series. 85-12025  
 " Preliminary report. Industry series. 85-12026  
 " Preliminary report. Industry series. 85-12027  
 " Preliminary report. Industry series. 85-12028  
 " Preliminary report. Industry series. 85-12029  
 " Preliminary report. Industry series. 85-12030  
 " Preliminary report. Industry series. 85-12031  
 " Preliminary report. Industry series. 85-12032  
 " Preliminary report. Industry series. 85-12033  
 " Preliminary report. Subject series. 85-12034  
 Manufacturing in space :fluid dynamics numerical a 85-13435  
 Manukau Harbor to Maunganui Bluff and Tutukaka Har 85-12207  
 Manukau Harbour /, New Zealand, North Island-West 85-12208  
 manuscript encapsulation, Application of image pro 85-13226  
 map /, Craters of the Moon National Monument veget 85-12949  
 " and coal sections of the Pine Ridge quadrangle 85-12817  
 " and sections of the southwestern Kenai Peninsu 85-12830  
 " for the White Cloud-Boulder roadless area, Cus 85-12808  
 " of Dinosaur National Monument and vicinity, Ut 85-12888  
 " of Furnas Volcano, Sao Miguel, Azores, Prelim 85-12815  
 " of Holocene sediment, Outer Continental Shelf 85-12805  
 " of limonitic hydrothermal alteration for porti 85-12816  
 " of marine geology of Upper Muir and Wachusett 85-12840  
 " of surficial deposits and landforms of the Nog 85-12824  
 " of the Beaver Lake Mountains quadrangle, Milla 85-12893  
 " of the Butte 1"x 2"qua 85-12825  
 " of the Craig area, Alaska, Aeromagnetic 85-12842  
 " of the Frisco Peak quadrangle, Millard and Bea 85-12894  
 " of the La Purisima-Paso Hondo area, Baja Calif 85-12828  
 " of the Lynndyl 30 x 60 minute quadrangle, Tooe 85-12841  
 " of the outcrop area of the Hornbrook formation 85-12814  
 " of the Peko Hills, Elko County, Nevada, Prelim 85-12813  
 " of the Pole Canyon quadrangle, Harney County, 85-12811  
 " of the Red Mountains quadrangle, Harney 85-12810  
 " County 85-12810  
 " of the San Francisco Peaks area, Arizona, Aero 85-12831  
 " showing outcrops of basaltic rocks of early qu 85-12764  
 " showing outcrops of basaltic rocks of early qu 85-12776  
 " showing outcrops of granitic rocks and pre-qua 85-12780  
 " showing outcrops of granitic rocks and silicic 85-12772  
 " showing outcrops of granitic rocks, ash-flow t 85-12767  
 " showing outcrops of granitic rocks, basin and 85-12753  
 " showing outcrops of pre-quaternary ash-flow tu 85-12755  
 " showing outcrops of pre-quaternary ash-flow tu 85-12763  
 " showing outcrops of pre-quaternary basaltic ro 85-12756  
 " showing outcrops of pre-quaternary basaltic ro 85-12774  
 " showing outcrops of thick, dominantly argillac 85-12754  
 " showing outcrops of thick, dominantly argillac 85-12762  
 " showing outcrops of thick, dominantly argillac 85-12768  
 " showing outcrops of thick, dominantly argillac 85-12773  
 " showing outcrops of thick, dominantly argillac 85-12787  
 " showing selected surface-water data for the Hu 85-12892  
 " showing selected surface-water data for the Ma 85-12889  
 " showing selected surface-water data for the Ne 85-12890  
 " showing selected surface-water data for the Pr 85-12891  
 " showing the distribution and abundance of boro 85-12796  
 " showing the distribution and abundance of cobi 85-12798  
 " showing the distribution and abundance of copp 85-12797  
 " showing the distribution and abundance of gold 85-12795  
 " showing the distribution and abundance of lead 85-12801  
 " showing the distribution and abundance of moly 85-12799  
 " showing the distribution and abundance of nick 85-12800  
 " showing the distribution and abundance of scan 85-12802  
 " showing the distribution and abundance of stro 85-12803  
 " showing the distribution and abundance of zinc 85-12804  
 " , Colville National Forest firewood 85-11883

- " , Middle Atmosphere Program :handbook for 85-13131  
**mapper** and multispectral scanner applications (PCN 85-13370  
 " and multispectral scanner applications (PCN 85-13380  
 " and multispectral scanner system", Fifth q 85-13437  
 " and multispectral scanner system", Fourth 85-13383  
 " data performance and processing, The use of 85-13381  
 " image dimensionality reduction and geometri 85-13374  
 " modulation transfer function (MTF) evaluati 85-13377  
 " performance as applied to hydrocarbon explo 85-13367  
 " performance for coastal studies, Evaluation 85-13242  
 " performance for coastal studies, Evaluation 85-13420  
 " , Demonstration of angular anisotropy in the 85-13421  
 " , In-flight absolute radiometric calibration 85-13382  
**mapping** of Navier-Stokes algorithms onto multiple- 85-13108  
**maps** of northern Alaska, Lookout Ridge quadrangle, 85-12809  
 " showing distribution of dissolved solids and 85-12752  
 " showing distribution of dissolved solids and 85-12758  
 " showing distribution of dissolved solids and 85-12761  
 " showing distribution of dissolved solids and 85-12766  
 " showing distribution of dissolved solids and 85-12771  
 " showing distribution of dissolved solids and 85-12779  
 " showing distribution of dissolved solids and 85-12783  
 " showing distribution of dissolved solids and 85-12786  
 " showing ground-water levels, springs, and dep 85-12751  
 " showing ground-water levels, springs, and dep 85-12760  
 " showing ground-water levels, springs, and dep 85-12770  
 " showing ground-water levels, springs, and dep 85-12775  
 " showing ground-water levels, springs, and dep 85-12778  
 " showing ground-water levels, springs, and dep 85-12782  
 " showing ground-water levels, springs, and dep 85-12785  
 " showing ground-water units and number of larg 85-12777  
 " showing ground-water units and withdrawal, ba 85-12750  
 " showing ground-water units and withdrawal, ba 85-12759  
 " showing ground-water units and withdrawal, ba 85-12769  
 " showing ground-water units and withdrawal, ba 85-12781  
 " showing ground-water units and withdrawal, ba 85-12784  
 " showing ground-water units and withdrawal, gr 85-12757  
 " showing ground-water units, ground-water leve 85-12765  
 " showing natural aggregates of the conterminou 85-12819  
**Maraca** /, Brazil-north coast, Cabo Orange to Ilha 85-12170  
**March** 4-15, 1985, Centers for Disease Control, Atl 85-12697  
**March** 12-16, 1984, Press abstracts :fifteenth luna 85-13440  
**March** 15, 1983., An Act to Implement the Eastern P 85-12574  
**March** 22-24, 1983 /, Global biology research progr 85-13457  
**March** 23, 1983., International Coffee Agreement, I 85-13452  
**March** 28, 1979 accident Three Mile Island Nuclear 85-13704  
**March** 31, 1984, Aeronautics and Space Engineering 85-13247  
**March** 1983-August 1983, Pilot interaction with aut 85-13355  
**marginal** croplands :, Potential opportunities for 85-13780  
**margins** of the United States based on occurrence o 85-12820  
**Maricopa**, Mohave, Pima, Pinal and Yavapai Counties 85-12729  
**marijuana**., For parents only :what you need to kno 85-12713  
**Marine** casualty report :SS Marine Electric, O.N. 2 85-13623  
 " conditions /, Icing rate on stationary stru 85-12324  
 " geology of Upper Muir and Wachusett Inlets, 85-12840  
 " recreational fishery statistics survey. Pac 85-12106  
 " recreational fishery statistics survey. Pac 85-12107  
 " research :, Status of U.S. 85-13908  
 " seismic records, Gas hydrates on continenta 85-12820  
**Marine Sanctuaries** Amendments of 1984. 85-12580  
**Mariposa**, and Merced Counties, California., Water 85-12417  
**maritime** liability laws /, Section-by-section comp 85-13907  
 " programs improvements of the Departments 85-12622  
 " redevelopment : 85-13909  
**Maritime Administration**, Department of Commerce., 85-12094  
 " , Department of Commerce re 85-12094  
**Maritime Subsidy Board**, Maritime Administration, D 85-12094  
**market** :a case study of Washington, D.C. /, Taxi r 85-13587  
 " expansion for U.S.-produced wine : 85-13942  
 " for wheelchairs :innovations and federal po 85-13753  
 " on wood-using industries in northern New En 85-11920  
 " profile /, Cameroon :an export 85-11981  
 " statistics. Annual summary /, Federal milk 85-11850  
**marketers** in the post-merger petroleum marketplace 85-13931  
**marketing** aids /, Transit marketing in Pennsylvani 85-13585  
 " in Pennsylvania :a handbook of effective 85-13585  
 " operations of dairy cooperatives / 85-12009  
**marketplace** :, Future of independent marketers in 85-13931  
**markets** /, Protection in agricultural 85-11995  
**Markov** reliability models, An approximation formul 85-13196  
**marksmanship** trainer's guide., Basic rifle 85-12246  
**Marquette County**, Michigan /, Hydrogeology and eff 85-12790  
**Marquette Motor Service Terminals**, Inc. delivery t 85-13590  
**marrow** transplantation., Research report:bone 85-12665  
**Martian** surface material, Magnetic properties of 85-13243  
 " surface properties 85-13223  
**Maryland**, North Carolina, South Carolina, Virginia 85-12021  
 " , November 29-December 1, 1983., Planetary 85-13458  
 " , November 29-December 1, 1983/, Planetary 85-13459  
 " , 1982 census of wholesale trade. Geograp 85-12062  
**masonry** deterioration problems and preservation tr 85-12944  
**mass** (general) , Calibration procedure for weight 85-12286  
**Massachusetts**, September 23, 1983 /, Pipeline acci 85-13591  
 " , 1982 census of service industries. 85-12079  
**matches**, pyrotechnics and candles; and smokers' ar 85-12980  
**MATE** :project 3 design, fabrication and evaluatio 85-13400  
**MATE** :Project 3 design, fabrication and evaluatio 85-13399  
**material** handling equipment (Jan thru June - 1st h 85-12293  
 " management (3-M) systems., Personnel qual 85-12350  
 " properties, and processes for solar cell 85-13336  
 " properties, and processes for solar cell 85-13341  
 " (PROPSM), Process research in polycrystal 85-13340  
 " (PROPSM), Process research on polycrystal 85-13339  
 " relating to the music of Morocco., A Brie 85-13017  
 " responses using viscoplastic models, A co 85-13060  
 " task, A review of the silicon 85-13331  
 " , Carbon, oxygen and their interaction wit 85-13342  
 " , Magnetic properties of Martian surface 85-13243  
 " , Process research of non-CZ silicon 85-13344  
**Materials** for advanced turbine engines (MATE) :Pro 85-13399  
 " for advanced turbine engines (MATE) :pro 85-13400  
 " for aerospace flight, Annual report to N 85-13438  
 " for use in sodium batteries, Development 85-13205  
 " licensing study :phase 1. 85-13724  
 " packages., Directory of certificates of 85-13703  
 " packages :a guide for supervisors at car 85-13637  
 " :storage and handling pocketbook., Hazar 85-12229  
 " :technologies to reduce U.S. import vuln 85-13756  
 " :trade list., Building 85-12119  
 " , Influence of soft inclusions on the str 85-13277  
 " , Space radiation effects on graphite-epo 85-13088  
 " , Tensile fracture of ductile 85-13276  
 " , The mechanics of delamination in fiber- 85-13188  
 " , wheel mounted, gasoline engine driven, 85-12255  
**Materials Processing** in Space Workshop minutes, Oct 85-13246  
**Materiel** fielding agreement :M1 Abrams tank system 85-12238  
 " management decision rule tables 85-12226  
 " management decision rule tables., Defense 85-12226  
 " management decision rule tables, DIDS pro 85-12226  
**maternal** and child health (Title V) programs /, De 85-12716  
**math** education :, Science and 85-13924  
 " modeling, Bearing tester data compilation, an 85-13175  
**mathematics** education reported in 1983 /, Research 85-12472  
 " learning styles of Chinese immigrant s 85-12445  
 " :options for the 1990s., School 85-12424  
**matter** of certain single handle faucets :investiga 85-12982  
 " of Law., An Act to Prevent Disruption of th 85-12599

- Maunganui Bluff and Tutukaka Harbor to Mayor Island 85-12207  
Mauritania—Western Sahara : Africa-West Coast, 85-12186  
maximize scattering from a flat plate and a cone / 85-12361  
maximum fluid particle size for drops and bubbles 85-13746  
" likelihood estimator / A Monte Carlo comp 85-13143  
" thicknesses, Aerodynamic characteristics o 85-13033  
May 1978 in southeastern Montana and northeastern 85-12744  
May 1979) / A kinetic energy study of the meso B- 85-13139  
May 1983, Potentiometric surface of the Floridan a 85-12818  
Mayor Island / New Zealand, North Island-east and 85-12207  
McDonnell Douglas DC-10-30, John F. Kennedy Intern 85-13589  
MD 21218 entitled 'Petrologic and, Final technical 85-13414  
MDB-to-car side impact test of a 19 crabbed moving 85-13630  
" side impact test of a 19 crabbed moving 85-13631  
ME-297/U., Calibration procedure for multimeter 85-12282  
meal and oil, annual summary., Fish 85-12105  
meaningful work in nonsheltered vocational environ 85-12455  
means of the sum of squares algorithm and a maximu 85-13143  
" , Report on legislative review activity duri 85-13686  
" , U.S. House of Representatives, investigatio 85-12981  
measure devices, A survey of gas-side fouling 85-13322  
measured from a propeller in a wake / Analysis of 85-13464  
measurement / Toward in-situ building R-value 85-12322  
" demands, technology, and dangers / P 85-12710  
" flight test data/analyses, Sikorsky S 85-13615  
" of condenser biofouling / Feasibility 85-12506  
" of local connective heat transfer coef 85-13397  
" of model deformation in the national t 85-13102  
" of transmission loss characteristics u 85-13216  
" systems., Quality assurance handbook f 85-12483  
measurements / A preliminary investigation into u 85-12090  
" / Sample size and precision in commu 85-12115  
" and NASTRAN analytical values, Statis 85-13114  
" by atomic fluorescence, Containerless 85-13174  
" in a model scramjet combustor using l 85-13433  
" in crustal dynamic studies, High prec 85-13287  
" in water by the Winkler method / Com 85-12098  
" of alloy oxidation/corrosion/erosion 85-13058  
" of composite multi-span beam shear sp 85-13145  
" of fatigue crack closure, Three-dimen 85-13286  
" of ozone, water vapor and liquid water 85-13231  
" of parameters affecting wet depositio 85-13745  
" of UHF radar signatures, RF radiation 85-13084  
" of water fog density / X-ray 85-13719  
" using Fabry-Perot interferometer, Thr 85-13064  
" , A sensitive optical pyrometer for sh 85-13274  
" , Automobile manufacturers' 85-12530  
" , Identification of aerosol composition 85-13240  
Measures and metrics for software development 85-13091  
Measuring agricultural productivity : a new look / 85-11992  
" devices / Specifications, tolerances, a 85-12086  
" equipment technician (AFSC 32470) / Pre 85-12390  
" system, Development of limb volume 85-13177  
Meat packing plants, sausages and other prepared m 85-12023  
" , Poultry, and Egg Products Inspection Amendme 85-13770  
meats (industries 2011 and 2013), 1982 census of 85-12023  
mechanic (AFSC 42653) / Turboprop propulsion 85-12396  
" (AFSC 42653) / Turboprop propulsion 85-12397  
" (AFSC 42654) / F-100 jet engine 85-12398  
" , skill level I / MOS 45N, tank turret 85-12333  
mechanical air bag sensor systems./ Bumper tests 85-13633  
" integrity of class II injection wells / 85-12491  
" properties of SiC and SiN 85-13146  
" wear of iron, Interaction of sulfuric a 85-13075  
" weed control on Sharkey clay soil / Te 85-11928  
mechanics of delamination in fiber-reinforced comp 85-13188  
mechanism incorporating a hybrid traction drive, A 85-13071  
" (REM) stress and fracture analysis, Spar 85-13354  
Mechanized red pine tree planting operation : a tim 85-11917
- media : Crime and violence in the 85-13885  
" arts, film/radio/television. 85-13469  
" for the SASS train impinger system / Collec 85-12515  
" :guidelines and application instructions., H 85-13470  
" , Impact experiments in viscous fluid 85-13222  
mediation and arbitration in small claims disputes 85-13005  
Medical care cost recovery : 85-13889  
" consultants., Register of disability deter 85-12640  
" research and its impact on the nation's he 85-13781  
" specialist. 85-12269  
" team., Be a vital part of American medicin 85-12297  
" use in remote geographic locations, Qualif 85-13155  
" use in remote geographic locations, Solar 85-13159  
Medical Service Corps :the Army Medical Team., The 85-12301  
medicare population., Private health insurance cov 85-12694  
medicine as an Army physician the Army medical tea 85-12297  
" facilities / Recommendations for quality 85-12686  
" , National Library of 85-12682  
Medicine Bow National Forest and Thunder Basin Nat 85-11947  
" and Thunder Basin Nat 85-11948  
Mediterranean, Adriatic Sea, Yugoslavia, Otok Brac 85-12192  
" , station H (Japan) / Omega propagat 85-12154  
Mediterranean Sea, Adriatic, Italy-east coast, Bri 85-12191  
" , Italy-France, Sardegna (Sardini 85-12190  
" , Italy-west coast, Capo Tirone t 85-12189  
" , Italy-west coast, Civitavecchia 85-12188  
" , Libya-Gulf of Sidra, Ra's AlUwa 85-12193  
" , Spain-southeast coast, Cartagena 85-12187  
medium wrecker M62, medium wrecker truck M543 seri 85-12275  
" wrecker truck M543 series, and M816, and wr 85-12275  
medium-term outlook for the world economy :Novembe 85-13520  
meeting held at the University of Minnesota in Sep 85-12649  
" of the American Statistical Association in 85-13565  
" the challenge again., When cancer recurs : 85-12662  
mellitus., Diabetes 85-12674  
melt flow in a channel / PLUGM, a coupled thermal 85-13722  
member of Young Volunteers in Action., Who needs y 85-12014  
Members of Congress : Commencement of terms of of 85-13893  
membrane, Anion permselective 85-13402  
Memorial addresses and other tributes in the Congr 85-13661  
memory systems :final report, phase II, Reed Solom 85-13359  
" systems, Investigation of fast initializati 85-13103  
Men's and boys' clothing, N.E.C. (industry 2329), 85-12026  
mental hospitals, United States, 1980-81 and 1981- 85-12711  
Mental Health Services., An Act to Amend the Publi 85-12589  
Mental Illness Awareness Week., Joint Resolution 85-12575  
Merced Counties, California., Water resources appr 85-12417  
Merchant Marine and Fisheries Committee., Report o 85-13682  
merchantable tree heights / A simple model for es 85-11916  
mercury-trapping media for the SASS train impinger 85-12515  
Merit Systems Protection Board, Office of Merit Sy 85-13030  
Merit Systems Review and Studies., Blowing the whi 85-13030  
mesh generator, Parameter studies of gear cooling 85-13077  
meso B-scale storm environment during AVE-SESAME 85-13139  
V 85-13140  
mesoscale model for April 10, 1979, using alternat 85-13662  
message from the President of the United States tr 85-13663  
" from the President of the United States tr 85-13675  
" from the President of the United States tr 85-13676  
" from the President of the United States ve 85-13679  
" preparation ACP 127 ( ) tape format :workb 85-12316  
metal plates under blast loading (CSDOOR) / Users 85-12321  
metallic alloys in pressurized oxygen / Laser-ini 85-12089  
metallization processing, Laser-assisted solar cel 85-13348  
" processing, Laser-assisted solar cel 85-13349  
" system for solar cells, Development 85-13345  
metallurgy aluminum alloys via rapid solidificatio 85-13201

- metals** in sediments and benthic species in relation to  
**metasedimentary** rocks, basin and range province, A  
 " rocks, basin and range province, S  
 " rocks, basin and range province, U  
 " rocks, basin and range province, I  
**meteorites** and lunar samples, Mineralogic and petrographic  
**meteorological** data near Portage, Wisconsin: Wisconsin  
 " Doppler/interferometer location system  
 " research at the NASA Goddard/Wallops  
 technician (AFSC 25170).  
**methanol** as automotive engine fuels, Evaluation of  
**method** /, Comparison of results of United States A  
 study 16, method 606, phthalate esters /, E  
 " to high performance propeller designs, Appl  
 " to predict efficiency of aircraft gearboxes  
 " Wisconsin power plant impact study /, A  
 " 16A for determination of total reduced sulfur  
 " 606, phthalate esters /, EPA method study 1  
 " High speed inviscid compressible flow by  
 " PAN AIR, a computer program for predicting  
**methodology** for manpower, personnel, and training,  
 " An evaluation of the directed flow gr  
**methods** /, Needs assessment summary: cost analysis  
 " for analyzing electromagnetic scattering,  
 " for determining the mechanical integrity of  
 " for direct measurement of condenser biofouling  
 " for the mildly handicapped: research report  
 " for 21 suspect carcinogens in combustion  
 " of analysis for soil survey, Procedures for  
 " of effective transfer and implementation of  
 " to investigate truck tire wet traction /,  
 " Accounting periods and  
 " material properties, and processes for so  
 " material properties, and processes for so  
 " Three-dimensional implicit lambda  
**methyl** iodide /, Laboratory measurements of parametric  
**metrics** for software development, Measures and  
**metropolitan** area /, Area wage survey, Cleveland,  
 " area /, Area wage survey, Columbus, O  
 " area /, Area wage survey, Indianapolis  
 " area, Cleveland, Ohio,  
 " area, Colorado /, Analysis of urban  
 " area, Columbus, Ohio,  
 " area, Indianapolis, Indiana,  
 " statistical areas, Colorado, 1982  
 " statistical areas, Utah, 1982  
**Mexico** /, Selling to the government of  
 " Mineral industry of  
 " Preprint from the ... Bureau of Mines  
 " Reconnaissance geologic map of the La Purisima  
**Mexico Continental Margin** in the area of proposed  
 MI /, Zilwaukee Bridge, Saginaw,  
**Miami International Airport** /, Implementation of  
**Michigan** /, Hydrogeology and effects of tailings  
 " land cover use, Photo interpretation key  
 " 1982 census of wholesale trade, Geographical  
**microcomputer** control, In-situ measurements of all  
**Microcomputers** in elementary and secondary education  
 " PB DAT, a program for reduction of  
**Microgravity** /, A new tool for basic and applied research  
**Microhistological** techniques for food habits analysis  
**micromechanics** equations for strength, fracture to  
**microphone** arrangements, Noise path identification  
**MicroSIFT** courseware evaluations /  
**microwave** oven in geotechnical applications: progress  
 " remote sensing of snow  
**mid** ring segments of the space shuttle solid rocket  
**mid-Cretaceous** frontier formation near the Moxa  
**middle** San Joaquin Valley basin: Fresno, Madera,  
 85-13249  
 85-12754  
 85-12762  
 85-12787  
 85-12768  
 85-13424  
 85-12497  
 85-13412  
 85-13083  
 85-12406  
 85-13157  
 85-12098  
 85-12502  
 85-13072  
 85-13074  
 85-12496  
 85-12522  
 85-12502  
 85-13262  
 85-13136  
 85-13321  
 85-13269  
 85-12446  
 85-13447  
 85-12491  
 85-12506  
 85-12456  
 85-12509  
 85-11963  
 85-13594  
 85-13634  
 85-13569  
 85-13336  
 85-13341  
 85-13186  
 85-13745  
 85-13091  
 85-13013  
 85-13015  
 85-13014  
 85-13013  
 85-12791  
 85-13015  
 85-13014  
 85-12051  
 85-12052  
 85-12121  
 85-12930  
 85-12930  
 85-12828  
 85-12837  
 85-13916  
 85-13854  
 85-12790  
 85-13385  
 85-12063  
 85-13058  
 85-12461  
 85-12829  
 85-13132  
 85-11910  
 85-13066  
 85-13299  
 85-12462  
 85-12905  
 85-13373  
 85-13167  
 85-12745  
 85-12417  
**Middle Atlantic States** (New Jersey, New York, Penn  
**Middle Atmosphere Program** /, handbook for MAP.  
**Middle East**.  
 " The  
**midyear** economic outlook /, The 1984  
**migration** of the older veteran population: 1975 to  
**Mikuni Ko**., Japan, Honshu-northwest coast, Tottori  
**mildly** handicapped: research report and manual for  
**militarily** critical technologies list, The  
**Military** construction appropriations for 1986:  
 " housing deductions /, Charitable contribu  
 " justice.  
 " police: military working dogs.  
 " purposes /, Withdraw and reserve certain  
 " skills.  
 " strategy /, The Art and practice of  
 " working dogs., Military police:  
**milk** order market statistics. Annual summary /, Fe  
**Milk Producers Prompt Payment Act** of 1984:  
**mill** products /, Current industrial reports. MA-33  
 " products, Steel  
 " stocks /, Current industrial reports. MA-24T,  
 " stocks, Lumber production and  
**Millard** and Beaver counties, Utah /, Geologic map  
 " and Beaver counties, Utah /, Geologic map  
**Millard Counties**, Utah, Geologic map of the Lynndy  
**Millimeter** wave transmission systems and related d  
**milling** industry /, Review of the status of the U.  
**mills**, manmade fiber and silk (industry 2221), 19  
 " N.E.C. (industry 2269), 1982 census of man  
**Millstone Nuclear Power Station**, Unit no. 3: docke  
**Milton R. Young**, Ninety-eighth Congress, first ses  
**min** = 4 RS code, "An extended d  
 " = 6 RS code, Fast decoding of a d  
**mine** spoils /, Viability of seed produced on high  
**mined** area in Randolph County, Illinois /, Hydrolo  
**mineral** densitometry with a gamma camera, High res  
 " industry of Argentina  
 " industry of Argentina., Preprint from the  
 " industry of Australia  
 " industry of Australia., Preprint from the  
 " industry of Austria  
 " industry of Austria., Preprint from the ..  
 " industry of Brazil  
 " industry of Brazil., Preprint from the ...  
 " industry of Canada  
 " industry of Canada., Preprint from the ...  
 " industry of Chile  
 " industry of Chile., Preprint from the ...  
 " industry of China  
 " industry of China., Preprint from the ...  
 " industry of Denmark and Greenland  
 " industry of Denmark and Greenland., Preprint  
 " industry of Finland  
 " industry of Finland., Preprint from the ..  
 " industry of France  
 " industry of France., Preprint from the ...  
 " industry of Hungary  
 " industry of Hungary., Preprint from the ..  
 " industry of India  
 " industry of India., Preprint from the ...  
 " industry of Ireland  
 " industry of Ireland., Preprint from the ..  
 " industry of Japan  
 " industry of Japan., Preprint from the ...  
 " industry of Malaysia  
 " industry of Malaysia., Preprint from the .  
 " industry of Mexico  
 85-12020  
 85-13131  
 85-13512  
 85-13511  
 85-13805  
 85-13651  
 85-12216  
 85-12456  
 85-12131  
 85-13773  
 85-13844  
 85-12367  
 85-12253  
 85-13821  
 85-12368  
 85-12221  
 85-12253  
 85-11850  
 85-13772  
 85-12040  
 85-12040  
 85-12037  
 85-12037  
 85-12893  
 85-12894  
 85-12841  
 85-13245  
 85-13822  
 85-12024  
 85-12025  
 85-13714  
 85-13661  
 85-13282  
 85-13283  
 85-11914  
 85-12793  
 85-13086  
 85-12913  
 85-12913  
 85-12914  
 85-12914  
 85-12915  
 85-12915  
 85-12916  
 85-12916  
 85-12917  
 85-12917  
 85-12918  
 85-12918  
 85-12919  
 85-12919  
 85-12920  
 85-12920  
 85-12921  
 85-12921  
 85-12922  
 85-12922  
 85-12925  
 85-12925  
 85-12926  
 85-12926  
 85-12908  
 85-12908  
 85-12927  
 85-12927  
 85-12929  
 85-12929  
 85-12930

- " industry of Mexico, Preprint from the ... 85-12930  
 " industry of New Hampshire 85-12931  
 " industry of New Hampshire, Preprint from 85-12931  
 " industry of New Zealand 85-12932  
 " industry of New Zealand, Preprint from th 85-12932  
 " industry of other central African countrie 85-12911  
 " industry of other east African countries, 85-12910  
 " industry of other west African countries, 85-12912  
 " industry of Peru 85-12933  
 " industry of Peru, Preprint from the ... B 85-12933  
 " industry of Romania 85-12935  
 " industry of Romania, Preprint from the ... 85-12935  
 " industry of Saudi Arabia 85-12936  
 " industry of Saudi Arabia, Preprint from t 85-12936  
 " industry of Spain 85-12937  
 " industry of Spain, Preprint from the ... 85-12937  
 " industry of Sweden 85-12938  
 " industry of Sweden, Preprint from the ... 85-12938  
 " industry of Thailand 85-12939  
 " industry of Thailand, Preprint from the . 85-12939  
 " industry of the Federal Republic of German 85-12923  
 " industry of the German Democratic Republic 85-12924  
 " industry of the Philippines 85-12934  
 " industry of the Philippines, Preprint fro 85-12934  
 " industry of the Republic of Korea 85-12928  
 " industry of the Republic of Korea, Prepri 85-12928  
 " industry of Turkey 85-12940  
 " industry of Turkey, Preprint from the ... 85-12940  
 " occurrences and the relationship of occur 85-13411  
 " resource potential of the Eighteenmile Wil 85-12834  
 " resource potential of the Silver City l 85-12839  
 " resources geophysics program for Egypt, Re 85-12838  
 Mineral Lands Leasing Act of 1920 ; To amend the 85-13883  
 mineralized and unmineralized stocks in southern A 85-12746  
 Mineralogic and petrologic studies of meteorites a 85-13424  
 Minerals in the world economy 85-12941  
 " in the world economy, Preprint from the 85-12941  
 " royalty management ; Federal 85-13881  
 " yearbook / 85-12909  
 mines, America's fact finder, the Census Bureau : 85-12017  
 Mines Minerals yearbook. Minerals in the world eco 85-12941  
 " yearbook. The mineral industry of A 85-12913  
 " yearbook. The mineral industry of A 85-12914  
 " yearbook. The mineral industry of A 85-12915  
 " yearbook. The mineral industry of B 85-12916  
 " yearbook. The mineral industry of C 85-12917  
 " yearbook. The mineral industry of C 85-12918  
 " yearbook. The mineral industry of C 85-12919  
 " yearbook. The mineral industry of D 85-12920  
 " yearbook. The mineral industry of F 85-12921  
 " yearbook. The mineral industry of F 85-12922  
 " yearbook. The mineral industry of H 85-12925  
 " yearbook. The mineral industry of J 85-12927  
 " yearbook. The mineral industry of M 85-12929  
 " yearbook. The mineral industry of M 85-12930  
 " yearbook. The mineral industry of N 85-12931  
 " yearbook. The mineral industry of N 85-12932  
 " yearbook. The mineral industry of o 85-12910  
 " yearbook. The mineral industry of o 85-12911  
 " yearbook. The mineral industry of o 85-12912  
 " yearbook. The mineral industry of P 85-12933  
 " yearbook. The mineral industry of R 85-12935  
 " yearbook. The mineral industry of S 85-12936  
 " yearbook. The mineral industry of S 85-12937  
 " yearbook. The mineral industry of S 85-12938  
 " yearbook. The mineral industry of t 85-12923  
 " yearbook. The mineral industry of t 85-12924  
 " yearbook. The mineral industry of t 85-12928  
 " yearbook. The mineral industry of t 85-12934  
 " yearbook. The mineral industry of T 85-12939  
 " yearbook. The mineral industry of T 85-12940  
 " yearbook. The mineral industry of I 85-12908  
 " yearbook. The mineral industry of I 85-12926  
 Miniature acid-condensation system :design and ope 85-12498  
 minima through the use of TCAS-derived CDTI, A con 85-13184  
 minimum drinking age ; National 85-13903  
 " wage ; Youth employment and the 85-13810  
 mining and milling industry ; Review of the statu 85-13822  
 ministers' and military housing deductions ; Char 85-13844  
 Minnesota /, Appraisal of the surficial aquifers i 85-12789  
 " in September 1981., Chronobiology and th 85-12649  
 minute quadrangle, Tooele, Juab, Utah, and Millard 85-12841  
 " quadrangle, Utah /, Map showing selected s 85-12889  
 " quadrangle, Utah /, Map showing selected s 85-12890  
 " quadrangle, Utah /, Map showing selected s 85-12891  
 " series (topographic) ; 7.5 85-12844  
 " series (topographic) ; 7.5 85-12845  
 " series (topographic) ; 7.5 85-12846  
 " series (topographic) ; 7.5 85-12847  
 " series (topographic) ; 7.5 85-12848  
 " series (topographic) ; 7.5 85-12849  
 " series (topographic) ; 7.5 85-12850  
 " series (topographic) ; 7.5 85-12851  
 " series (topographic) ; 7.5 85-12852  
 " series (topographic) ; 7.5 85-12853  
 " series (topographic) ; 7.5 85-12854  
 " series (topographic) ; 7.5 85-12855  
 " series (topographic) ; 7.5 85-12856  
 " series (topographic) ; 7.5 85-12857  
 " series (topographic) ; 7.5 85-12858  
 " series (topographic) ; 7.5 85-12859  
 " series (topographic) ; 7.5 85-12860  
 " series (topographic) ; 7.5 85-12861  
 " series (topographic) ; 7.5 85-12862  
 " series (topographic) ; 7.5 85-12863  
 " series (topographic) ; 7.5 85-12864  
 " series (topographic) ; 7.5 85-12865  
 " series (topographic) ; 7.5 85-12866  
 " series (topographic) ; 7.5 85-12867  
 " series (topographic) ; 7.5 85-12868  
 " series (topographic) ; 7.5 85-12869  
 " series (topographic) ; 7.5 85-12870  
 " series (topographic) ; 7.5 85-12871  
 " series (topographic) ; 7.5 85-12872  
 " series (topographic) ; 7.5 85-12873  
 " series (topographic) ; 7.5 85-12874  
 " series (topographic) ; 7.5 85-12875  
 " series (topographic) ; 7.5 85-12876  
 " series (topographic) ; 7.5 85-12877  
 " series (topographic) ; 7.5 85-12878  
 " series (topographic) ; 7.5 85-12879  
 " series (topographic) ; 7.5 85-12880  
 " series (topographic) ; 7.5 85-12881  
 " series (topographic) ; 7.5 85-12882  
 " series (topographic) ; 7.5 85-12883  
 " series (topographic) ; 7.5 85-12884  
 " series (topographic) ; 7.5 85-12885  
 " series (topographic) ; 7.5 85-12886  
 " series (topographic) ; 7.5 85-12887  
 minutes, October 27-28, 1982, Materials Processng 85-13246  
 miscellaneous ; Health and the environment, 85-13827  
 " ; Health and the environment, 85-13828  
 " conveyances; fee exemptions; and ass 85-13820  
 " tariff and trade bills : 85-13939  
 Misconceptions about U.S. policy toward Nicaragua 85-13516  
 missile concepts from consideration of varied miss 85-13101  
 " maintenance personnel /, Analysis to impro 85-12409

- missiles and rockets, medium wrecker M62, medium w 85-12275  
 Missing Children's Assistance Act ; Title IV, 85-13811  
 mission /, RF characteristics of the hoop column a 85-13144  
 " design handbook, Interplanetary 85-13324  
 " requirements and systems analysis study ex 85-13253  
 " requirements, Unconventional missile conce 85-13101  
 Mississippi, 1982 census of service industries. G 85-12080  
 " , 1982 census of wholesale trade. Geog 85-12064  
 Mississippi National Forest Wilderness Act of 1984 85-12594  
 Mississippi River system, and Antilles /, Waterbor 85-12319  
 " system, and Antilles, Waterways 85-12319  
 Mississippian (?) Kanayut Conglomerate, Brooks Ran 85-12736  
 Missouri, as the "John J. Pershing Veterans' Admi 85-12618  
 " , Clay County., Flood insurance study :cit 85-12529  
 " , 1982 census of wholesale trade. Geograp 85-12065  
 mistletoe /, Lodgepole pine dwarf 85-11890  
 mistletoes :proceedings of the symposium, August 8 85-11942  
 mistuned rotors using standing wave analysis, Flut 85-13261  
 Mixed models and reduction techniques for large-ro 85-13462  
 mixing layers, Direct simulations of chemically re 85-13391  
 mixtures /, Detonation calculations using a modifi 85-13733  
 MK 68 gunfire control system (GFCs), Personnel qu 85-12352  
 MK-37 gunfire control system (GFCs), Personnel qu 85-12355  
 MLS/airplane system design 85-13200  
 mobile satellite service (LMSS) channel simulator, 85-13332  
 " satellite system mission /, RF characterist 85-13144  
 mobility of toxic elements in low-level wastes :an 85-13743  
 " system policies, procedures and considera 85-12142  
 Mod-2 wind turbine, Effect of vortex generators on 85-13062  
 mode acoustic radiation from the flight inlet, Spi 85-13190  
 " observations, Field-aligned electron density 85-13118  
 " shapes from test measurements and NASTRAN 85-13114  
 ana 85-13078  
 Mode II fatigue crack growth specimen development 85-12518  
 model /, Conceptual development of a toxic screeni 85-13720  
 " /, Simulation of groundwater flow and contam 85-12285  
 " A127., Calibration procedure for hygrograph 85-13102  
 " deformation in the national transonic facili 85-13092  
 " deformation system for the national transoni 85-12256  
 " E1012M., Organizational maintenance repair p 85-12257  
 " E1012M, w/sprinkler only, NSN 3895-00-902-84 85-13140  
 " for April 10, 1979, using alternative data s 85-11935  
 " for estimating total and merchantable tree h 85-11916  
 " for freezing melt flow in a channel /, PLUGM 85-13722  
 " for remote sensing of laser induced fluoresc 85-13353  
 " for the distributed storage and processing o 85-13180  
 " function by means of the sum of squares algo 85-13143  
 " in Langley 4 - by 7-meter tunnel, Pressure di 85-13042  
 " investigation /, R. D. Bailey outlet works, 85-12320  
 " LA265A), Calibration procedure for oscillos 85-12279  
 " of the Earth's upper atmosphere /, Dynamic 85-13142  
 " overview and user's guide, CARE III 85-13095  
 " scramjet combustor using laser-induced iodine 85-13433  
 " to identify and implement applications of re 85-12466  
 " vehicle components relating to the implement 85-13629  
 " Y612X21-FH-111-77, Weathertronics model 5 85-12285  
 " 11715A., Calibration procedure for calibrati 85-12278  
 " 1807), AN/USM-140B and AN/USM-141A 85-12280  
 " (Hewlett- 85-12284  
 " 3555B., Calibration procedure for telephone 85-12277  
 " 4311B option 3., Calibration procedure for a 85-12262  
 " 432AP-2 (NSN 4931-01-060-0525), Direct supp 85-12285  
 " 5020, and Foxboro, model A127., Calibration 85-12287  
 " 8900B., Calibration procedure for peak power 85-12283  
 " 91CA), AN/URM-145A, AN/URM-145B, AN/ 85-13152  
 " URM-145C 85-13372  
 " , A numerical study of the controlled flow tu 85-13372  
 " , An analysis of spectral discrimination betw 85-13372  
 " , Operator's and organizational maintenance m 85-12263  
 " , Optimal symmetric flight with an intermedia 85-13211  
 " , Vector wind gust 85-13169  
 Modeling degradation and failure of Ni-Cr-Al overl 85-13057  
 " dilution jet flowfields, On 85-13070  
 " study, F-14 85-13199  
 " , Bearing tester data compilation, analysi 85-13175  
 " , Error latency estimation using functiona 85-13230  
 models /, Review of the attributes and performance 85-12499  
 " and public education in home equity convers 85-12721  
 " and reduced-order observers, Design of mult 85-13241  
 " and reduction techniques for large-rotation 85-13462  
 " APS, type 18/500-1, part number 7085-5, fed 85-12295  
 " AT 540., Allison transmissions :automatic 85-12373  
 " for electrostatically stimulated fabric fil 85-12516  
 " for evaluating economic impacts of policy c 85-11985  
 " for predicting transpiration and water stre 85-11905  
 " of the upper mantle, Anisotropic 85-13255  
 " 170 and 170AR), AN/USM-140A (Hickok In- 85-12280  
 " strum 85-12280  
 " 170B and 170BR), AN/USM-140C and AN/ 85-12280  
 " USM-141 85-12288  
 " 618B and 618C., Calibration procedure for s 85-12288  
 " 91C, 91CA-S4, 91DA, 91H, and 91HR., Calibra 85-12283  
 " , A computer program for predicting nonlinea 85-13060  
 " , An approximation formula for a class of Ma 85-13196  
 " , Design and construction of equipment items 85-13163  
 " , Summary of photovoltaic system performance 85-13325  
 modification tests on a subscale cement kiln for N 85-12506  
 modified center distances and/or addendums, Lubric 85-13079  
 " version of CSQIL :examples for hydrogen-a 85-13733  
 Modular design attitude control system 85-13432  
 " guided bomb, DSU-27A/B, part no. HG020601- 85-12377  
 modulation transfer function (MTF) evaluation, LAN 85-13377  
 module for Loran-C receiver, Processor-controlled 85-13448  
 " 10005., Digital techniques : 85-12378  
 " 4.0, variational analyses of DC series circ 85-12336  
 " 5.0, DC parallel :circuits for basic electri 85-12337  
 modules and arrays, Safety-related requirements fo 85-13335  
 Moffat County, Colorado, Geologic map and coal sec 85-12817  
 Mohave, Pima, Pinal and Yavapai Counties, Arizona 85-12729  
 moisture interferometry /, Deformation measurements o 85-13145  
 moisture characteristics of epoxies, An investigat 85-13099  
 molding of PMR-15 polyimide, An investigation into 85-13256  
 molten core/magnesia interaction test /, Report on 85-13727  
 molten-core concrete interactions /, CORCON-MOD2 : 85-13738  
 molybdenum, tin, and vanadium in bedrock samples, 85-12799  
 Mombasa Harbor /, Indian Ocean, Africa-east coast, 85-12194  
 money laundering., Financial investigative techniq 85-12993  
 monitoring and evaluating spruce budworm populatio 85-11938  
 " and recordkeeping systems needed to acc 85-12534  
 " and research : Report to the Congress 85-12100  
 " at Santa Barbara, California :phase 2-e 85-12738  
 " recommendations for oil shale developme 85-12500  
 monk seal in the northwestern Hawaiian Islands., P 85-12108  
 monolithic, GaAs, dual-mode, QPSK/QASK, high-throu 85-13265  
 Monongahela National Forest, West Virginia /, Doll 85-11885  
 monsoon depression, Satellite observations of a 85-13268  
 Montana /, Estimators and characteristics of loggi 85-11903  
 " and northeastern Wyoming /, Floods of May 85-12744  
 " , Preliminary complete Bouguer gravity anom 85-12825  
 Montana Douglas-fir forest /, Early postfire reveg 85-11894  
 Monte Carlo comparison of the recovery of winds ne 85-13143  
 Monterey, California, September 1-2, 1983., Procee 85-13747  
 Month of November 1984 as "National Christmas Sea 85-12577  
 " period ... /, Office of Inspector General re 85-12722  
 Montrose to Berwick ; Scotland-east coast, 85-12172  
 mood :the role of light /, Seasonal effects on 85-12708

- Moon National Monument vegetation type map /, Crat 85-12949  
 Morocco, A Brief list of material relating to the 85-13017  
 MOS 45B small arms repairer, skill level I / 85-12332  
 " 45N, tank turret mechanic, skill level I / 85-12333  
 " 68J skill levels 1/2 : soldier's manual, / 85-12271  
 " 93J, Air traffic control radar controller :so 85-12270  
 moss /, Factor analysis of the chemistry of Spanis 85-12743  
 most needed in the procedures used in the United S 85-13660  
 moth., Panoramic aerial photography for assessing 85-11879  
 mothers exposed to diethylstilbestrol in pregnancy 85-12670  
 Motion pictures & sound and video recordings in th 85-12556  
 motor carriers of property /, Accidents of 85-13603  
 " vehicle standards 108, 202, 204, and 214 /, 85-13629  
 Motor Vehicle Theft Law Enforcement Act of 1984. 85-12603  
 motorized, gasoline engine, 3 wheel, 10 ton, w/sca 85-12256  
 " , gasoline engine, 3 wheel, 10 ton, w/sca 85-12257  
 Mount St. Helens :past, present, and future /, Eru 85-12735  
 mounted (NSN 4940-00-209-6239) (LIN T10038), Hand 85-12267  
 " , gasoline engine driven, 2 wheel, pneumati 85-12255  
 " , pneumatic tires, diesel driven, 600 CFM, 85-12258  
 movie production at LARC, Computer generated anima 85-13202  
 moving deformable barrier to a 1976 Volkswagen Rab 85-13630  
 " deformable barrier to a 1976 Volkswagen Rab 85-13631  
 Moxa arch, southwestern Wyoming /, The mid-Cretace 85-12745  
 MPH /, MDB-to-car side impact test of a 19 crabbed 85-13630  
 " /, MDB-to-car side impact test of a 19 crabbed 85-13631  
 MPP disk subsystem 85-13407  
 MTF) evaluation, LANDSAT-4 thematic mapper modu- 85-13377  
 lat 85-13377  
 multi-span beam shear specimens by moire interfero 85-13145  
 multi-wavelength lidar measurements, Identificatio 85-13240  
 multibillion dollar customer?, VA reaches out to v 85-13649  
 multicompartment containment system analysis progr 85-13744  
 Multidimensional explicit difference schemes for h 85-13181  
 multidisciplinary user facilities partially suppor 85-13471  
 multimeter ME-297/U., Calibration procedure for 85-12282  
 Multipath induced errors in meteorological Doppler 85-13412  
 Multiple application references/instructions/table 85-12224  
 " cause of death for ICD-9 1981 data., Publ 85-12688  
 " loss of life : U.S. Coast Guard Marine Bo 85-13623  
 multiple-data-stream computers, Study of the mappi 85-13108  
 multiple-instruction/multiple-data-stream computer 85-13108  
 Multiple Launch Rocket System, second quarter, CY 85-12294  
 multiplexer TD-352, TD-660, TD-754/G, TD-204, radi 85-12315  
 multiplexors maintenance manual., 2-line and 8-lin 85-12372  
 multiprocessor (FTMP) computer, Development and ev 85-13194  
 multispectral scanner applications (PCN902-91548, 85-13370  
 " scanner applications (PCN902-91548, 85-13380  
 " scanner, Investigation of radiometri 85-13376  
 " scanner system", Fifth quarterly re 85-13437  
 " scanner system", Fourth quarterly r 85-13383  
 multivariable feedback control systems via spectra 85-13241  
 municipal solid waste test cells /, Comparison of 85-12492  
 " wastewater treatment works construction 85-12519  
 munitions : DOD's sophisticated 85-13867  
 muscle atrophy, Research opportunities in 85-13446  
 Mushrooms / 85-11976  
 music of Morocco, A Brief list of material relati 85-13017  
 MXU-724/B, part no. HX020503-601-00., Storage and 85-12375  
 Mys Nizmennyy /, Asia, N. Korea-S. Korea-U.S.S.R.- 85-12213  
 M1 Abrams tank system., Materiel fielding agreem 85-12238  
 " tank system between III Corps and Ft Hoo 85-12238  
 M246 series, and M819., Load-testing vehicles used 85-12275  
 M543 series, and M816, and wrecker-truck tractor M 85-12275  
 M62, medium wrecker truck M543 series, and M816, a 85-12275  
 M816, and wrecker-truck tractor M246 series, and M 85-12275  
 M819., Load-testing vehicles used to handle missil 85-12275

## N

- N.E.C. (industry 2269), 1982 census of manufactur 85-12025  
 " (industry 2329), 1982 census of manufactur 85-12026  
 " (industry 2369), 1982 census of manufactur 85-12027  
 " (industry 3229), 1982 census of manufactur 85-12030  
 N.I.H. publications list 85-12652  
 N. Korea-S. Korea-U.S.S.R.-Japan, Korea Strait to 85-12213  
 N.O.A.A. 85-12099  
 NAG-317 entitled an experimental study of the prop 85-13441  
 NAG5-35 and supplements #1 and #2 between NASA 85-13414  
 and 85-13414  
 names of U.S. Government reports :a catalog /, Pop 85-13022  
 Nantahala & Pisgah National Forests, North Carolin 85-11949  
 Narcotics Abuse and Control., Annual report for th 85-13692  
 NASA and the Department of Earth and Planetary Sci 85-13414  
 " grant and cooperative agreement handbook inst 85-13130  
 " space station needs, attributes, and architec 85-13290  
 " supercritical airfoils with different maximum 85-13033  
 NASA-Ames summer high school apprenticeship resear 85-13090  
 NASA Goddard/Wallops Flight Facility, Facilities f 85-13083  
 NASA/JPL synthetic aperture radar and the NASA/J 85-13232  
 JPL 85-13232  
 NASA/JPL L- and C-band scatterometers, A user's ma 85-13232  
 NASA Langley Vortex Lattice FORTRAN Computer 85-13046  
 Progr., Production version of the extended 85-13046  
 NASA Lewis Research Center, Cleveland, Ohio, Novem 85-13456  
 NASA-Texas planetary program], [ 85-13358  
 NASTRAN analytical values, Statistical correlation 85-13114  
 " forced vibration analysis of rotating cycl 85-13362  
 NASS-24486, Final technical report to National Aer 85-13415  
 nation :National Defense Executive Reserve., Ready 85-12526  
 " , Develop Human Resources, Reduce Structural 85-12596  
 " 's health and economy : , Medical research an 85-13781  
 National Advisory Council on Adult Education., The 85-13697  
 National Aeronautics and Space Administration Auth 85-13667  
 " and Space Administration for 85-13415  
 " and Space Administration for 85-13438  
 National Archives., Motion pictures & sound and vi 85-12556  
 National Bureau of Standards special publications. 85-12550  
 National Christmas Seal Month., Joint Resolution 85-12577  
 National Coal Science, Technolgy, and Engineering 85-13819  
 National Commission on Agricultural Trade and Expo 85-13878  
 National Conference for State and Local Officials 85-13541  
 National Defense Executive Reserve., Ready to serv 85-12526  
 National Forests, Northern Region, 1981 / 85-11886  
 National Historic Preservation Act; miscellaneous 85-13820  
 National Institute of Allergy and Infectious Disea 85-12671  
 " of Child Health and Human Devel 85-12677  
 " of Education : overview and sum 85-12458  
 " of Environmental Health Science 85-12681  
 " of Justice, cumulative suppleme 85-13004  
 " of Neurological and Communicati 85-12679  
 National Labor Relations Act., Court decisions rel 85-13028  
 National Labor Relations Board., Decisions and ord 85-13027  
 National Library of Medicine. 85-12682  
 National Medical Transcriptionist Week., Joint R 85-12631  
 National Policy Regarding Cable Television., An Ac 85-12604  
 National Register criteria to post offices /, How 85-12950  
 National Science Foundation., Directory of multi 85-13471  
 " , 1985 : , Reauthorizati 85-13902  
 National Synchrotron Light Source / 85-12415  
 National Volunteer Agency needs you to be an impor 85-12014  
 National Wilderness Preservation System, and for O 85-12588  
 Nationally scheduled Federal Aviation Administrati 85-13611  
 nations : , China's trade with other Pacific rim 85-13824  
 native housing and community development programs. 85-12725  
 Native American Programs Act Amendments of 1983 : 85-13816

- NATO :** 85-13783
- natural** aggregates of the conterminous United States 85-12819
- " gas overpressure explosion and fires, East 85-13591
- " gas, part 191-192., Pipeline safety regula 85-13638
- " gas part, 191-192 : liquified natural gas, 85-13639
- " gas, part 193 : hazardous liquids part 195 85-13639
- " - and forced-draft staging air systems for 85-12510
- Natural Gas Pipeline Safety Act of 1968 and the Ha** 85-12576
- Naturalization Service :** Fiscal year 1985 budget 85-13895
- naval** history., United States 85-12549
- " nuclear propulsion program—1984 : 85-13785
- Naval Junior Reserve Office Training Corps (NJROTC,** 85-12344
- drills, commands, and ceremonies., Curriculum fo
- Naval War College /,** Sailors and scholars :the cen 85-12338
- Navier-Stokes** algorithms onto multiple-instruction 85-13108
- navigation** system, Investigation of image enhancem 85-13151
- Navy** electricity and electronics training series. 85-12346
- " hospital corpsmen to collect chest pain data 85-12343
- " reading skills /, Improving your 85-12345
- Navy Civil Engineer Corps :** ready reserve opportuni 85-12360
- " .. The 85-12359
- NCHSR** reports available fom NTIS. 85-12693
- Nebraska /,** Appraisal of data for ground-water qua 85-12742
- " soils /, Hydrologic characteristics of 85-12739
- " , Descriptive, geologic, and borehole geop 85-12827
- " , New Mexico, Oklahoma, South Dakota, Texa 85-12747
- " .. 1982 census of service industries. Geog 85-12081
- need** for a national veterans' cemetery in the stat 85-13937
- " to know about marijuana., For parents only :w 85-12713
- needed** in the procedures used in the United States 85-13660
- " to accurately account for juvenile justice 85-12534
- Needles** 1°x 2°quadrangle, 85-12816
- needs** and availabilities /, World food aid 85-11978
- " assessment summary :cost analysis, policy an 85-12446
- " attributes and architectural options, Space 85-13248
- " for sulfur and trace elements /, Correlation 85-12507
- " :report to the International Joint Commissio 85-13702
- " you to be an important member of Young Volun 85-12014
- " you? :we do! : ACTION, the National Voluntee 85-12014
- " , attributes and architectural options, Space 85-13289
- " , attributes & architectural options, A Study 85-13297
- " , attributes & architectural options, A Study 85-13304
- " , attributes & architectural options, A Study 85-13352
- " , attributes, and architectural options, NASA 85-13290
- " , attributes, and architectural options, Spac 85-13291
- " , attributes, and architectural options, Spac 85-13292
- " , attributes, and architectural options, Spac 85-13293
- " , attributes, and architectural options, Spac 85-13301
- " , attributes, and architectural options, Spac 85-13303
- " , attributes, and architectural options, Spac 85-13305
- " , attributes, and architectural options, Spac 85-13306
- " , attributes and architectural options, Space 85-13298
- " , attributes, and architectural options study 85-13294
- " , attributes and architectural options study, 85-13302
- " , attributes and architectural options study, 85-13309
- negative** through-the-thickness Poisson's ratios, C 85-13288
- negatively** biased solar cell array in a plasma, Ch 85-13082
- negotiated** solution of the Cyprus problem, includi 85-13680
- negotiation** techniques., Advanced labor 85-12274
- negotiations** : January 14, 1984., Geneva and beyon 85-13522
- neighbor** helping neighbor., The Senior Companion P 85-12013
- " .. The Senior Companion Program :the fines 85-12013
- NEMAR** plotting computer program 85-13147
- neoplasia** /, Selected abstracts on intercellular c 85-12667
- neoplasms** /, Selected abstracts on effects of ther 85-12666
- " on the development of second malignant n 85-12666
- Nepal** :post report. 85-13534
- Nephi** 30 x 60 -minute quadrangle, Utah /, Map show 85-12890
- network** analysis :intersection analysis, users' gu 85-13624
- " for the elderly and handicapped in Seattle 85-13595
- " from LANDSAT imagery, Spatial reasoning to 85-13405
- " of heterogeneous autonomous computers, Con 85-13117
- " planning method :Wisconsin power plant imp 85-12496
- Neurological** and Communicative Disorders and Strok 85-12679
- Neutron** dosimetry at commercial nuclear plants :fi 85-13730
- " spectrometer /, Neutron dosimetry at comme 85-13730
- neutron-irradiated** stainless steel submerged arc w 85-13739
- neutrons** and charged particles in radiotherapy /, 85-12668
- Nevada /,** Map showing outcrops of basaltic rocks o 85-12776
- " /, Maps showing ground-water levels, spring 85-12775
- " /, Volume and biomass for curleaf cercocar 85-11896
- " , as the "Foley Federal Building and United 85-12616
- " , Preliminary geologic map of the Peko Hills 85-12813
- " , Utah ZIP4 state directory / 85-13479
- " , 1934-1984., Taylor Grazing Act in 85-12961
- new** and improved techniques for monitoring and eva 85-11938
- " arms control negotiations : January 14, 1984., 85-13522
- " consensus?, Strength and diplomacy :toward a 85-13523
- " deferrals of budget authority for fiscal year 85-13675
- " electric generating units :1983-1992., Status 85-12419
- " equipment data. 85-12330
- " intercalated cathode materials for use in sodi 85-13205
- " look /, Measuring agricultural productivity :a 85-11992
- " look at red pine financial returns in the Lake 85-11897
- " state role brings program and administrative c 85-12535
- " teachers., Starter :a notebook for 85-12454
- " tool for basic and applied research in space / 85-13132
- New England** and New York /, Potential effects of t 85-11920
- New Hampshire,** Mineral industry of 85-12931
- " .. Preprint from the ... Bureau of Mi 85-12931
- New Hampshire Ball Bearings, Inc.** to the Japan-bas 85-13790
- New Jersey,** 1982 census of wholesale trade. Geogr 85-12066
- New Mexico /,** Map showing outcrops of granitic roc 85-12772
- " /, Map showing outcrops of pre-quaterna 85-12774
- " /, Map showing outcrops of thick, domin 85-12773
- " /, Maps showing distribution of dissolv 85-12771
- " /, Maps showing ground-water levels, sp 85-12770
- " /, Maps showing ground-water units and 85-12769
- " , Oklahoma, South Dakota, Texas, and Wyo 85-12747
- New Mexico-Arizona,** Mineral resource potential of 85-12839
- New York /,** Potential effects of the fuelwood mark 85-11920
- " , as the "Alexander Pirnie Federal Buildi 85-12620
- " , February 28, 1984 /, Aircraft accident r 85-13589
- " , Pennsylvania), 1982 census of manufactu 85-12020
- " 's timber resources /, An analysis of 85-11931
- " .. 1982 census of wholesale trade. Geograp 85-12067
- New York City,** 1978-1981 /, A study of government- 85-13002
- New York State** and adjacent areas /, Earthquake ha 85-13721
- New Zealand,** Mineral industry of 85-12932
- " , North Island-east and west coasts, Ma 85-12207
- " , North Island-North Coast, Cape Maria 85-12206
- " , North Island-West Coast, Cape Egmont 85-12208
- " .. Preprint from the ... Bureau of Mine 85-12932
- news /,** Forest fire 85-11888
- newsletters.,** NTIS abstract 85-12095
- NG-13,** NIMBUS observation processing system requir 85-13087
- Ni-Cr-Al** overlay coatings, Modeling degradation an 85-13057
- NIADDK** research advances 85-12672
- " research advances 85-12673
- " research advances 85-12675
- " research advances 85-12676
- NIAID** interferon reagents :a program of the Nation 85-12671
- NIAIZr /,** The transient oxidation of single crysta 85-13403
- NIAMDD** research advances 85-12672
- " research advances 85-12675
- " research advances 85-12676

- Nicaragua. 85-13513  
 " /, Misconceptions about U.S. policy towa 85-13516  
 Nicaragua-Costa Rica, Corinto to Punta Guiones /, 85-12163  
 nickel and chromium in bedrock samples, western Ch 85-12800  
 NIH publications list / 85-12652  
 " , Information and instruction handbook no. VI- 85-12651  
 Nike-Hercules and Improved Nike-Hercules Air Defen 85-12289  
 NIMBUS observation processing system requirements 85-13087  
 " 7 SMMR derived seasonal variations in the w 85-13115  
 Ninety-eighth Congress, first session /, Memorial 85-13661  
 " , second session., Report on 85-13936  
 " , second session, July 25, 1 85-13874  
 NISC course catalog. 85-13486  
 nitric oxide reduction in refinery process heaters 85-12510  
 nitrogenous, TSUS items 480.05, 480.10, 480.35-480 85-12975  
 nitrous oxide and experimental studies of the sour 85-13436  
 NOAA. 85-12099  
 nocturnal cold prone areas in Florida, Use of ther 85-13369  
 Nogahabara Sand Dunes and part of the Koyukuk lowl 85-12824  
 noise affecting geodynamics information in a tethe 85-13264  
 " in Army aviation, 23-4507-1, 34-4507-1, 35-4 85-12309  
 " in the sea /, Ambient 85-12365  
 " limited detection of OH using the technique 85-13453  
 " measured from a propeller in a wake /, Analy 85-13464  
 " measurement flight test :data/analyses, Siko 85-13615  
 " path identification using face-to-face and s 85-13299  
 " problem, General aviation aircraft interior 85-13357  
 " regulation acts at Miami International Airpo 85-13854  
 " , Uniform apparent contract 85-13104  
 Nojima Zaki to Omae Zaki, Japan, Honshu-south coa 85-12218  
 nomenclature for the upper Devonian and lower Miss 85-12736  
 Nomination of William W. Hoover to be Assistant Se 85-13788  
 Nominations—February-May : 85-13797  
 Nominations—IOC : 85-13800  
 non-CZ silicon material, Process research of 85-13344  
 non-equilibrium astrophysical plasmas, Theoretical 85-13428  
 non-homogeneous turbid water, A radiative transfer 85-13353  
 Nonnerospace uses of JPL technology 85-13203  
 Nonappropriated Funds Information Standard System) :budget, users manual., Automated data systems m 85-12240  
 " ) : general ledger, users manual., Automated data 85-12317  
 Noncitrus fruits and nuts 85-11974  
 " fruits & nuts. Annual summary. 85-11974  
 noncolocated sensors and actuators, Experiments in 85-13423  
 Nonferrous wire drawing and insulating (industry 3 85-12031  
 nonfood compounds authorized for use under USDA in 85-11855  
 nonforest use in western Washington /, Timber reso 85-11932  
 nonformal education in Boy Scouts /, Making good b 85-12464  
 nongeostationary satellites, Interference problems 85-13307  
 nonlinear analysis of shells of revolution with ap 85-13462  
 " metal plates under blast loading (CSDOOR 85-12321  
 " problems in flight dynamics 85-13107  
 " uniaxial material responses using viscop 85-13060  
 " viscoelastic characterization of structu 85-13193  
 nonlinearities /, Regions of attraction and ultima 85-13461  
 nonmetro poor /, In-kind benefits and the 85-12001  
 Nonmetropolitan fiscal indicators :a review of the 85-11983  
 nonrubber footwear industry :, Import relief for U 85-13845  
 nonsheltered vocational environments :draft /, Tea 85-12455  
 nonstandard and high contact ratio involute spur g 85-13081  
 nontariff barriers on the U.S. sheet vinyl floorin 85-12981  
 Nonverbal communications between American Indian c 85-12463  
 " factors in the education of Chinese Amer 85-12470  
 Nordkapp /, Norway, Lindesnes to 85-12182  
 Nordra Strömford to Egedesminde /, Greenland-west 85-12180  
 norms for fall 1983 /, The American freshman :nati 85-12457  
 North and west coasts of Spain, Cabo Silleiro to C 85-12173  
 " central region by county., Pulpwood producti 85-11930  
 " coast, Kammon Kaikyo to Hirado Seto., Japan, 85-12219  
 " Florida /, Stand structure and yields of sit 85-11943  
 North America, station G (Australia) /, Omega prop 85-12158  
 " , with a proposed phylogeny of the ge 85-13546  
 " , 1982., Spruce budworms situation in 85-11856  
 North America-East Coast-Cape Race to Cape Henry / 85-12161  
 North American Liris Fabricius (Hymenoptera:Spheco, Larridae) /, Revision of 85-13548  
 North & Central America /, Final report on ESL ins 85-12449  
 North Carolina., Improved food distribution facili 85-11877  
 " , Proposed land and resource manage 85-11949  
 " , South Carolina, Virginia, West Vir 85-12021  
 " , 1982 census of wholesale trade. G 85-12068  
 " , 1984 /, Forest statistics for the 85-11933  
 North Dakota and South Dakota, and for Other Purpo 85-12592  
 " , 1982 census of service industries. 85-12082  
 " , 1982 census of wholesale trade. Geo 85-12069  
 North Island-east and west coasts, Manukau Harbor 85-12207  
 North Island-North Coast, Cape Maria Van Diemen to 85-12206  
 North Island-West Coast, Cape Egmont to Manukau Ha 85-12208  
 North Sea, Denmark-Netherlands, West Germany, Amel 85-12177  
 Northeast Nuclear Energy Company, et al., Final en 85-13714  
 northeastern Wyoming /, Floods of May 1978 in sout 85-12744  
 northern Alaska, Lookout Ridge quadrangle, Enginee 85-12809  
 " California /, Maps showing distribution o 85-12758  
 " coastal plain of North Carolina, 1984 /, 85-11933  
 " Idaho /, Climate of Priest River Experime 85-11936  
 " New England and New York /, Potential eff 85-11920  
 " part /, Mediterranean Sea, Italy-France, 85-12190  
 " Rocky Mountains /, Lumber recovery from i 85-11902  
 " Utah /, Streamflow summaries from twelve 85-11937  
 Northern California /, Maps showing ground-water u 85-12757  
 Northern Europe, Station F (Argentina) /, Omega pr 85-12150  
 Northern Region, 1981 /, National Forests, 85-11886  
 Northwest :, Review of ground water contamination 85-13872  
 Northwest Pacific Station G (Australia) /, Omega p 85-12156  
 northwestern Hawaiian Islands, Proposed designati 85-12108  
 Norway., International agreement on Social Securit 85-12639  
 " , Lindesnes to Nordkapp / 85-12182  
 Norway-west coast, Brandsfjord to Leka / 85-12183  
 NOSS wind direction data, Preliminary study of (2- 85-13207  
 notched fiber composite flexural specimens, Dynami 85-13065  
 notebook for new teachers., Starter :a 85-12454  
 notes of August 15, 1987, series P-1987., United S 85-13554  
 " of July 31, 1986, series W-1986., United Sta 85-13553  
 " , Benin., Background 85-13525  
 " , Cyprus., Background 85-13526  
 " , Ecuador., Background 85-13527  
 " , Guatemala., Background 85-13528  
 " , Jamaica., Background 85-13529  
 " , Luxembourg., Background 85-13530  
 " , Vatican City., Background 85-13531  
 notices., Catalog of federal tax forms, form lette 85-13557  
 " , re Patent and Trademark Office practices 85-12092  
 Noto Hanto and approaches, Japan, Honshu-northwes 85-12215  
 novel algorithm for sea surface height estimation 85-13225  
 November 2-3, 1983., Assessment of alternative air 85-13456  
 November 22, 1984., The medium-term outlook for th 85-13520  
 November 29-December 1, 1983., Planetary Data Work 85-13458  
 " /, Planetary Data Work 85-13459  
 November 1984 as "National Christmas Seal Month." 85-12577  
 NOx reduction /, Combustion modification tests on 85-12508  
 NPF-23., Technical specifications, Byron Station, 85-13716  
 NPF-26., Technical specifications, Waterford Steam 85-13712  
 NPF-30., Technical specifications, Callaway Plant, 85-13713  
 NRC management policies : 85-13825  
 NSN 3895-00-755-4761) ; Organizational, direct su 85-12255  
 " 3895-00-902-8455., Direct support and general 85-12257

- " 3895-00-902-8455, w/sprinkler only, NSN 3895-0 85-12256  
 " 3895-00-952-5840, Huber model E1012M., Or- 85-12256  
 ganiz  
 " 3895-00-952-5840, Huber model E1012M, w/ 85-12257  
 sprink  
 " 3990-01-128-0089 (linefast model, Operator's a 85-12263  
 " 4931-01-060-0525), Direct support and general 85-12262  
 " 4940-00-209-6239) (LIN T10038), Hand receipt 85-12267  
 " 6695-01-081-4873), (line item no. Z12223), Ha 85-12268  
**NSWC Hydroballistics Facility**, Pretest plan for a 85-13168  
**NTIS** abstract newsletters. 85-12095  
 " .. NCHSR reports available fom 85-12693  
**Nuclear** fuel cycle, The 85-12413  
 " medicine facilities /, Recommendations for 85-12686  
 " plants :final report of subtask C, 85-13730  
 " power industry /, An assessment of termina 85-13732  
 " power plant /, Interim reliability evaluat 85-13729  
 " power plant control room crews /, Task ana 85-13725  
 " power plant operation, A research program 85-13249  
 " power plant personnel qualifications and t 85-13728  
 " power plants /, Organizational analysis an 85-13723  
 " power plants :technical findings relevant 85-13709  
 " propulsion program—1984 ;, Naval 85-13785  
 " reactor containment penetrations /, Charac 85-13735  
 " waste repository site projects /, Progress 85-13734  
**Nuclear Reactor Piping** :held at Monterey, Californ 85-13747  
**Nuclear Regulatory Commission** in Accordance with S 85-12606  
**number** effects on pressure loss and turbulence cha 85-13093  
 " of large capacity wells basin and range pro 85-12777  
 " tests of a Boeing BAC I airfoil in the Lang 85-13034  
 " 4920-508-6345., Calibration procedure for e 85-12295  
 " 7085-5, federal stock number 4920-508-6345. 85-12295  
 " 84.017., Application for grants under Title 85-12422  
**Numeric** and fluid dynamic representation of tornad 85-13164  
**numerical** analysis, Manufacturing in space :fluid 85-13435  
 " codes, An investigation of aerodynamic c 85-13272  
 " methods for analyzing electromagnetic sc 85-13447  
 " optimization design of advanced transoni 85-13109  
 " study of the controlled flow tunnel for 85-13152  
 " techniques for integration of stiff ordi 85-13467  
**nurse** training :a listing, June 1978 to September 85-12717  
**nurses**, March 4-15, 1985, Centers for Disease Cont 85-12697  
 " .. Who cares enough :Public Health Service 85-12646  
**Nursing** service administrative development :first 85-13647  
**nuts**. Annual summary., Noncitrus fruits & 85-11974  
 " .. Noncitrus fruits and 85-11974  
**Nuttall** oak direct seedlings still successful afte 85-11926  
**nuvens** em dados do LANDSAT no periodo de 1973 a 19 85-13384  
**NY**, in the Brinks robbery trial ;, Financial assis 85-13886  
**N87701**, Valencia, California, July 23, 1982 /, Air 85-13588
- O**
- o-lang** Chiao /, South China Sea, Yongshu Jiao to P 85-12212  
**O.N.** 245675, capsizing and sinking in the Atlantic 85-13623  
**oak** direct seedlings still successful after 11 yea 85-11926  
 " sprout canker. 85-11952  
**oaks** :identification and postfire management /, Fi 85-11940  
**Oats** :background for 1985 farm legislation. 85-11866  
**objetivos** profesionales : equal employment opportu 85-13476  
**observation** processing system requirements docum 85-13087  
**observations** :for Supplementary Aviation Weather R 85-12016  
 " of a monsoon depression, Satellite 85-13268  
 " of the earth's magnetic field from th 85-13120  
 " of 300-1400 A airglow, A Study of the 85-13206  
 " .. Field-aligned electron density irreg 85-13118  
**observers**, Design of multivariable feedback contro 85-13241  
**obtained** in the investigation., Barium chloride fr 85-12983
- " in the investigation., Cell-site transcei 85-12984  
**Ocala**, Florida, as the "Golden-Collum Memorial Fe 85-12615  
**Occupational** aspirations and intended field of stu 85-12443  
 " health and safety program. 85-12481  
 " .. Programmatic environmental impact st 85-13704  
**occurrence** in nuclear power plants :technical find 85-13709  
 " of bottom simulating reflectors on mari 85-12820  
**occurrences** and the relationship of occurrences to 85-13411  
 " to structural elements of the Kentucky 85-13411  
**ocean** pollution, monitoring and research ;, Report 85-12100  
**oceanic** separation minima through the use of TCAS- 85-13184  
**oceans**, Nimbus 7 SMMR derived seasonal variations 85-13115  
**October 7, 1984**, as "Mental Illness Awareness Wee 85-12575  
**October 18, 1972**, to Authorize Additional Authoriz 85-12584  
**October 27-28, 1982**, Materials Processing in Space 85-13246  
**October 1984**., Hazardous waste sites :descriptions 85-12479  
**ODS-superalloy**, air-cooled turbine blades, Fabrica 85-13393  
**offered** for sale by Defense Property Disposal Serv 85-12223  
**offerings** and enrollments :1972-73 and 1981-92 /, 85-12442  
**Office** of Advocacy's Sixth National Conference for 85-13540  
 " of General Counsel :50th anniversary, 1934- 85-13551  
 " of Inspector General report to the Congress 85-12722  
 " of Merit Systems Review and Studies., Blowi 85-13030  
 " of Software Development and Information Tec 85-12553  
 " of Special Counsel., The role of the 85-13029  
 " of the President and Members of Congress ;, 85-13893  
 " .. 1983 /, Reservoir management review :Utah 85-12900  
**officer** correspondence course., Seamanship : 85-12357  
**officers** orientation guide, 1984., The Public Heal 85-12648  
**offices** /, How to apply National Register criteria 85-12950  
 " /, Interim design guidelines for automated 85-12088  
**Official** gazette 85-12092  
 " gazette notices, re Patent and Trademark 85-12092  
**offlying** islands, Singapore Strait to Selat Bangka 85-12203  
**Offshore** installations emergency evacuation : 85-13910  
 " .. Wells drilled for oil and gas deeper tha 85-12822  
 " .. Wells drilled for oil and gas deeper tha 85-12823  
**Ohio** /, Soil survey of Fulton County, 85-11958  
 " .. Conveyance of public lands, Seneca County, 85-12621  
 " .. metropolitan area /, Area wage survey. Cleve 85-13013  
 " .. metropolitan area /, Area wage survey. Colum 85-13015  
 " .. metropolitan area, Cleveland, 85-13013  
 " .. metropolitan area, Columbus, 85-13015  
 " .. November 2-3, 1983., Assessment of alternati 85-13456  
 " .. 1982 census of retail trade. Geographic are 85-12048  
**oil** and gas deeper than 15,000 feet in the conterm 85-12822  
 " and gas deeper than 20,000 feet in the conterm 85-12823  
 " and gas resources of the United States Gulf of 85-12837  
 " and, Summary report on the regional geology, p 85-12837  
 " from the strategic petroleum reserve ;, Proble 85-13873  
 " shale development /, Groundwater monitoring 85-12500  
 " .. shales /, Leaching and selected hydraulic prop 85-12480  
 " .. annual summary., Fish meal and 85-12105  
**oils** and greases (industries 2911 and 2992), 1982 85-12029  
**oilseed** sectors /, Argentine agricultural policies 85-11982  
**Ojito** WSA, Rio Chamba WSA, Sabinoso WSA, San 85-12968  
 Anton  
**Oklahoma** /, Soil survey of Harmon County, 85-11960  
 " and to Restore Certain Mineral Rights to 85-12626  
 " .. South Dakota, Texas, and Wyoming :High P 85-12747  
 " .. 1982 census of service industries. Geog 85-12083  
**Old Age Assistance Received** by Decedents During T 85-12581  
**older** individual ;, Longevity and the lifestyle of 85-13901  
 " .. veteran population :1975 to 1980., Interstat 85-13651  
 " .. worker employment comes of age :practice and 85-13698  
**olefins**, and certain other hydrocarbons, TSUS item 85-12974  
**Olympic National Park**, Washington /, Summary prehi 85-12946

- Omae Zaki., Japan, Honshu-south coast and Nojima Z 85-12218
- Omega propagation correction tables for 10.2 kHz : 85-12150
- “ propagation correction tables for 10.2 kHz : 85-12151
- “ propagation correction tables for 10.2 kHz : 85-12152
- “ propagation correction tables for 10.2 kHz : 85-12153
- “ propagation correction tables for 10.2 kHz : 85-12154
- “ propagation correction tables for 10.2 kHz : 85-12155
- “ propagation correction tables for 10.2 kHz : 85-12156
- “ propagation correction tables for 10.2 kHz : 85-12157
- “ propagation correction tables for 10.2 kHz : 85-12158
- “ propagation correction tables for 10.2 kHz : 85-12159
- Omnibus Budget Reconciliation Act of 1981 Remain 85-12578
- omnidirectional spacecraft antenna system, Autonom 85-13406
- “On the undetected error probability of a concate 85-13279
- On-orbit cryogenic fluid transfer 85-13063
- one revision to a previously reported deferral of 85-13675
- one-hundred-six gravity stations near the Goat Roc 85-12807
- Opening doors for success 85-13697
- operating license for R.E. Ginna Nuclear Power Pla 85-13710
- “ maintenance and repair parts instruction 85-12263
- “ research plan / 85-12414
- “ system project, The Embedded 85-13239
- “ under USDA poultry and egg grading and e 85-11973
- operation /, Miniature acid-condensation system :d 85-12498
- “ a time study /, Mechanized red pine tre 85-11917
- “ of Beaver Valley Power Station, Unit 2, 85-13715
- “ of Callaway Plant, Unit no. 1, docked no 85-13708
- “ of Catawba Nuclear Station, Units 1 and 85-13711
- “ of Comanche Peak Steam Electric Station, 85-13706
- “ of Enrico Fermi Atomic Power Plant, Unit 85-13707
- “ of Millstone Nuclear Power Station, Unit 85-13714
- “ of Waterford Steam Electric Station, Uni 85-13705
- “ , A research program in determination of 85-13249
- operations and proposals for tax reform /, Social 85-11999
- “ inspector's handbook :part 135., Air ca 85-13609
- “ of dairy cooperatives /, Marketing 85-12009
- “ plan /, National winter storms 85-12097
- “ systems management specialist (AFSC 271 85-12385
- “ , Joint airdrop inspection records, mal 85-12369
- “ , Personnel qualification standard for 85-12353
- operator (AFSC 11650) /, Airborne communications s 85-12382
- “ (AFSC 11650) /, Airborne communications s 85-12383
- “ (AFSC 27350) /, Combat control 85-12386
- “ 's and organizational maintenance manual ( 85-12263
- “ /specialist (AFSC 30456) /, Space communic 85-12388
- opportunities : Export 85-13928
- “ for educators., Overseas employment 85-12140
- “ for reforestation of marginal cropla 85-13780
- “ for the chemical industry to become 85-13270
- “ in eastern Europe., Cooperative grai 85-12008
- “ in muscle atrophy, Research 85-13446
- “ leader's guide /, Take off for 85-13608
- “ , Navy Civil Engineer Corps :ready r 85-12360
- opportunity for you., The Co-operative education p 85-12363
- “ for you., The (Pre) co-operative educa 85-12364
- “ in the United States Postal Service., 85-13476
- Optical fiber communications link design in compli 85-12116
- “ pyrometer for shock-temperature measuremen 85-13274
- Optimal cooperative control synthesis applied to a 85-13162
- “ symmetric flight with an intermediate vehi 85-13211
- “ waveform to maximize scattering from a fla 85-12361
- optimization design of advanced transonic wing con 85-13109
- “ method to high performance propeller 85-13072
- “ of cooled shields in insulations 85-13153
- optimum dynamic design of nonlinear metal plates u 85-12321
- “ sampling site exposure criteria for lead / 85-12521
- “ temperatures for growth of southern Rocky 85-11924
- option 3., Calibration procedure for automatic pha 85-12277
- “ , Space station needs, attributes and archit 85-13289
- options /, A Study of the effects on the economy o 85-13766
- “ , Major tax reform 85-13838
- “ for the 1990s., School mathematics : 85-12424
- “ study, Space station needs, attributes, an 85-13294
- “ study, Space station needs, attributes and 85-13302
- “ study, Space station needs, attributes and 85-13309
- “ , A Study of space station needs, attribute 85-13297
- “ , A Study of space station needs, attribute 85-13304
- “ , A Study of space station needs, attribute 85-13352
- “ , NASA space station needs, attributes, and 85-13290
- “ , Space station needs, attributes, and arch 85-13291
- “ , Space station needs, attributes, and arch 85-13292
- “ , Space station needs, attributes, and arch 85-13293
- “ , Space station needs, attributes, and arch 85-13301
- “ , Space station needs, attributes, and arch 85-13303
- “ , Space station needs, attributes, and arch 85-13305
- “ , Space station needs, attributes, and arch 85-13306
- “ , Space station needs, attributes and archi 85-13298
- “ , Space station needs attributes and archit 85-13248
- oral language and reading skills among limited Eng 85-12468
- orbit performance computer program, Elliptical 85-13148
- “ transfer vehicles, Propulsion issues for adv 85-13049
- orbiter on the ionosphere, Effects of chemical rele 85-13171
- Orbiting dynamic compression laboratory 85-13296
- order against the conference report on H.R. 6027 : 85-13684
- “ houses (industry 5961), 1982 census of reta 85-12050
- “ market statistics. Annual summary /, Federal 85-11850
- “ panel method, PAN AIR, a computer program 85-13136
- “ to Provide for the Establishment of the Russ 85-12609
- orders of the National Labor Relations Board., Dec 85-13027
- “ , laws, and resolutions affecting the busine 85-13659
- ordinances, firearms., State laws and published 85-13583
- ordinary and partial differential equations, Const 85-13311
- “ differential equations arising in combust 85-13467
- Oregon /, Map showing outcrops of granitic rocks a 85-12780
- “ /, Maps showing distribution of dissolved s 85-12779
- “ /, Maps showing ground-water levels, spring 85-12778
- “ /, Maps showing ground-water units and numb 85-12777
- “ and California, Geologic map of the outcrop 85-12814
- “ and Washington continental shelf, Tertiary 85-12835
- “ and Washington, 1976 /, Umatilla National F 85-11887
- “ , Geologic map of the Pole Canyon quadrangle 85-12811
- “ , Geologic map of the Red Mountains quadrang 85-12810
- “ , Washington), 1982 census of manufactures. 85-12022
- Orford Ness and Cap Gris-Nez to Hoek Van Holland / 85-12176
- Organ Procurement and Transplantation Network, to 85-12587
- Organ Procurement Organizations., and for Other Pur 85-12587
- Organ Transplantation and the Organ Procurement an 85-12587
- organic chemical crudes : TSUS items 401.06-401.10 85-12973
- “ complexant-enhanced mobility of toxic elem 85-13743
- organization amendments of 1984 :report (to accomp 85-13665
- “ for technological innovation : Feder 85-13923
- Organizational analysis and safety for utilities w 85-13723
- “ maintenance manual (including repai 85-12263
- “ maintenance repair parts and specia 85-12256
- “ technologies of Chinese rural youth 85-11954
- “ , direct support and general support 85-12255
- “ , direct support, general support an 85-12264
- organizations described in section 170 (c) of the 85-13559
- “ , Directory of veterans 85-13650
- “ , Tax-sheltered annuity programs for 85-13572
- organized computer memory systems :final report, p 85-13359
- orientation guide, 1984., The Public Health Servic 85-12648
- origin by schedule A commodity groupings., U.S. ge 85-12041
- “ by schedule A commodity groupings, US gener 85-12041
- “ by schedule A commodity groupings, World ar 85-12041
- “ of life, Investigation of compounds essenti 85-13250

- OS-159 (P)/USM-195 (Tektronik Type RM45A and Lavo)** 85-12279  
**oscilloscope; AN/USM-184 (Tektronix Type 545A), AN** 85-12279  
**oscilloscopes AN/USM-140 and AN/USM-141 (Hewlett-P** 85-12280  
**OSHA hazard communication standards; OSHA hearing** 85-13817  
**hearings—state staffing levels and OSHA hazard** 85-13817  
**Otachyrium (Poaceae: Panicoideae) /, Revision of t** 85-13549  
**Other Purposes., An Act Making Appropriations for** 85-12636  
 “ „ An Act Pertaining to the Inheritance 85-12592  
 “ „ An Act to Amend the Bankruptcy Am 85-12598  
 “ „ An Act to Authorize Appropriation 85-12576  
 “ „ An Act to Authorize the Administration 85-12595  
 “ „ An Act to Designate Certain Nations 85-12573  
 “ „ An Act to Designate Certain Nations 85-12588  
 “ „ An Act to Facilitate Commercial S 85-12611  
 “ „ An Act to Provide for the Conservation 85-12632  
 “ „ An Act to Provide for the Establishment 85-12587  
 “ „ An Act to Provide for the Restoration 85-12601  
 “ „ An Act to Provide Retirement Equity 85-12634  
**Otok Brac to Dubrovnik /, Mediterranean, Adriatic** 85-12192  
**outcomes, costs, and decisionmaking /, Intensive c** 85-13751  
**outcrop area of the Hornbrook formation, Oregon an** 85-12814  
**outcrops of basaltic rocks of early quaternary and** 85-12764  
 “ of basaltic rocks of early quaternary and 85-12776  
 “ of granitic rocks and pre-quaternary ash- 85-12780  
 “ of granitic rocks and silicic shallow-int 85-12772  
 “ of granitic rocks, ash-flow tuff, and lah 85-12767  
 “ of granitic rocks, basin and range provin 85-12753  
 “ of pre-quaternary ash-flow tuffs and volc 85-12755  
 “ of pre-quaternary ash-flow tuffs, basin a 85-12763  
 “ of pre-quaternary basaltic rocks, basin a 85-12756  
 “ of pre-quaternary basaltic rocks, basin a 85-12774  
 “ of thick, dominantly argillaceous sedimen 85-12754  
 “ of thick, dominantly argillaceous sedimen 85-12762  
 “ of thick, dominantly argillaceous sedimen 85-12768  
 “ of thick, dominantly argillaceous sedimen 85-12773  
 “ of thick, dominantly argillaceous sedimen 85-12787  
**outer channel in a concatenated coding system, Cut** 85-13278  
**code in a TDRSS decoder, Performance analysis** 85-13257  
**Outer Approaches to Shatt Al Arab and Khawr-E Musa** 85-12198  
**Outer Continental Shelf between Yakutat Bay and D** 85-12805  
**outer garments (industry 2385), 1982 census of man** 85-12028  
**outerwear, N.E.C. (industry 2369), 1982 census of** 85-12027  
**outfits components list: calibration set, secondar** 85-12268  
 “ „ components list for shop equipment, canva 85-12267  
**outlet works, Guyandot River, West Virginia: hydra** 85-12320  
**outline: leadership development I /, Instructor's** 85-12245  
**outloading drawings for ammunition., List of stora** 85-12272  
**outlook /, Economic** 85-13760  
 “ „ /, U.S. trade performance in ... and 85-12122  
 “ „ The 1984 midyear economic 85-13805  
 “ „ & situation /, Rice 85-11979  
 “ „ for the world economy: November 22, 1984., 85-13520  
 “ „ report on science and technology; Oversi 85-13925  
 “ „ U.S. industrial 85-12123  
 “ „ US industrial 85-12123  
 “ „ US trade performance in ... and 85-12122  
**output growth: changes in component contributions** 85-11993  
 “ of thematic mapper, Demonstration of angula 85-13421  
**oven in geotechnical applications: progress report** 85-12905  
**overlay /, Charpy toughness and tensile properties** 85-13739  
 “ coatings, Modeling degradation and failure 85-13057  
**overpressure explosion and fires, East Boston, Mas** 85-13591  
**Overseas employment opportunities for educators.** 85-12140  
**oversight /, Synthetic Fuels Corporation** 85-13876  
 “ activities of the Committee on Banking, 85-13672  
 “ hearing on interagency cooperation: 85-13814  
 “ of the Household Goods Transportation Act 85-13794
- “ of the U.S. Information Agency; Addend 85-13853  
 “ on Boilermakers, 1983: 85-13899  
 “ on international copyrights: 85-13896  
 “ review of the five-year outlook report o 85-13925  
**overview and summary /, Career after college: e** 85-12458  
 “ and user's guide, CARE III model 85-13095  
 “ of biotechnology process applications /, 85-12511  
 “ of the School Team Approach /, An 85-12426  
 “ „ Project 85-12695  
**owned by the United States and used by civil agenc** 85-12554  
**ownership; Broadcast regulation and station** 85-13832  
**oxidation of single crystal NiAlZr /, The transien** 85-13403  
 “ /corrosion/erosion using a video camera a 85-13058  
**oxidative degradation in irradiated polymers /, He** 85-13731  
**oxide and experimental studies of the source of at** 85-13436  
 “ dispersion strengthened sheet alloy combusto 85-13399  
 “ dispersion strengthened sheet alloy combusto 85-13400  
 “ reduction in refinery process heaters /, Eva 85-12510  
**oxygen /, Laser-initiated combustion studies on me** 85-12089  
 “ and their interaction with intrinsic point 85-13342  
 “ measurements in water by the Winkler method 85-12098  
**ozone, water vapor and liquid water content, and v** 85-13231  
**ozonesonde data: 1963-1980 /, Tabulation of** 85-13390

## P

- P.M.S. blue book** 85-12683  
**P-1987., United States of America, treasury notes** 85-13554  
**Pacific /, Loran-C secondary phase correction tabl** 85-12160  
 “ coast., Marine recreational fishery statis 85-12106  
 “ coast., Marine recreational fishery statis 85-12107  
 “ rim nations; China's trade with other 85-13824  
 “ „ station D (North Dakota) /, Omega propaga 85-12159  
 “ „ station G (Australia) /, Omega propagatio 85-12157  
**Pacific Coast, Cabo Velas to Punta Mala /, Central** 85-12162  
**Pacific States (Alaska, California, Hawaii, Oregon** 85-12022  
**package, Spanish version., Public affairs informat** 85-12642  
**packages: a guide for supervisors at cargo termina** 85-13637  
 “ of the General Electric Vallecitos Nuclea 85-13736  
 “ „ Directory of certificates of compliance 85-13703  
**packing plants, sausages and other prepared meats** 85-12023  
**Pactola.** 85-12898  
**Padang to Bengkulu including Kepulauan Mentawai /** 85-12201  
**PADRE) system reference manual /, Particulate data** 85-12517  
**pain /, Computer-assisted diagnosis program for ac** 85-12342  
 “ data from patients /, An Evaluation of the ab 85-12343  
 “ „ coating, and related items: TSUS items 40 85-12976  
**Palar River to Penner River /, India-east coast, B** 85-12200  
**PAN AIR, a computer program for predicting subsoni** 85-13136  
**Panama Canal Act of 1979 to Authorize Quarters All** 85-12624  
**Panama-Columbia and Venezuela-North coast, Golfo d** 85-12168  
**panel method, PAN AIR, a computer program for pred** 85-13136  
**Panoramic aerial photography for assessing foliage** 85-11879  
**paper machinery bookbinding machinery: TSUS items** 85-12977  
**paperboard production /, Computer model for econom** 85-11935  
**papers /, The National crime survey: working** 85-13006  
 “ given at the 1984 annual meeting of the Ame 85-13565  
**Papua New Guinea and Solomon Islands, Solomon Isla** 85-12209  
**para cumplir los objetivos profesionales: equal e** 85-13476  
**parabolic dish annual technology evaluation report** 85-13229  
 “ dish technology annual evaluation report 85-13314  
**paraboloidal dish solar thermal power plants, The** 85-13313  
**parallel baffles in ducts, Effect of boattail geom** 85-13113  
 “ circuits for basic electricity and electr 85-12337  
**Parameter studies of gear cooling using an automat** 85-13077  
**parameters affecting historic communications satel** 85-13052  
 “ affecting wet deposition of methyl iodi 85-13745

- parenting /, Exploring 85-12720  
 Parents guide to the development of pre-school han 85-13023  
 " only :what you need to know about marijuan 85-12713  
 Parklawn Computer Center., Introduction to the 85-12685  
 part /, Mediterranean Sea, Italy-France, Sardegna 85-12190  
 " A of Title XVIII of the Social Security Act., 85-12635  
 " no. HA020503-301-00., Storage and maintenance 85-12376  
 " no. HG020601-001-00., Storage and maintenance 85-12377  
 " no. HK020503-601-00., Storage and maintenance 85-12375  
 " number 7085-5, federal stock number 4920-508- 85-12295  
 " of American medicine as an Army physician :the 85-12297  
 " of America's excellence., Hispanics, a 85-13010  
 " of the Koyukuk lowland, Alaska, Photo-interpr 85-12824  
 " two, leadership development 3 : instructor's 85-12244  
 " 1, Waterways and harbors, Atlantic Coast /, W 85-12318  
 " 135., Air carrier operations inspector's hand 85-13609  
 " 190 : natural gas, part 191-192., Pipeline sa 85-13638  
 " 190 : natural gas part, 191-192 : liquified n 85-13639  
 " 191-192., Pipeline safety regulations :enforc 85-13638  
 " 193 : hazardous liquids part 195., Pipeline s 85-13639  
 " 195., Pipeline safety regulations :enforcemen 85-13639  
 " 2 : proceedings of a workshop held at Goddard 85-13458  
 " 2, Waterways and harbors, Gulf Coast, Mississ 85-12319  
 " 39, Airworthiness directives., Federal aviati 85-13613  
 " 39, Airworthiness directives., Federal aviati 85-13614  
 " 5 :labor standards provisions applicable to c 85-13016  
 " 5 of the Code of Federal Regulations., Regula 85-13016  
 " , Halat Al Mubarraz to Ash Shariqah /, Asia, P 85-12197  
 " , 191-192 : liquified natural gas, part 193 : 85-13639  
 " 85-12045  
 Part C, Financial characteristics of the housing i 85-13311  
 partially differential equations, Construction of fi 85-13311  
 " revision of the Radio Regulations (Geneva, 85-13663  
 partially dehydrated subjects working in the cold 85-12341  
 " supported by the National Science Founda 85-13471  
 participants handling waterfowl, exhibition poultr 85-12006  
 particle size for drops and bubbles /, Unified the 85-13746  
 particles in radiotherapy /, Selected abstracts on 85-12668  
 " , The plumes of IO :a detection of solid 85-13445  
 Particulate data reduction (PADRE) system referenc 85-12517  
 " removal from diesel exhaust /, Studies 85-12503  
 partitioning /, Reliability considerations for the 85-13404  
 partly-cloudy skies on solar and emitted radiation 85-13218  
 parts and special tools list for radio frequency p 85-12262  
 " and special tools list for selected items of 85-12261  
 " and special tools lists :compressor, rotary 85-12258  
 " and special tools lists :drier-mixer, bitumi 85-12255  
 " and special tools lists (including depot mai 85-12258  
 " and special tools lists :roller, motorized, 85-12256  
 " and special tools lists :roller, motorized, 85-12257  
 " and special tools lists) together with suppl 85-12263  
 " breakdown :adapter, guidance section to warh 85-12376  
 " breakdown :airfoil group, guided bomb, MXU-7 85-12375  
 " breakdown :target detecting device, modular 85-12377  
 " instructions (SOMARPI) for spreader, lifting 85-12263  
 " legislation ;, Spare 85-13789  
 " of Colorado, Kansas, Nebraska, New Mexico, O 85-12747  
 Pasadena, California, Satellite-Derived Sea Surface 85-13328  
 passenger train no. 301 on Illinois Central Gulf R 85-13590  
 passive aerial barrier trap suitable for sampling 85-11915  
 " surfaces by laser-excited Raman spectroscop 85-12493  
 Passport to a challenge. 85-12235  
 past airfoils, Interacting boundary-layer solution 85-13195  
 " experience is worth more to you now., Veteran 85-12305  
 " , Fort Riley :its historic 85-12233  
 " , present, and future /, Eruptions of Mount St 85-12735  
 Patent and Trademark Office practices and procedur 85-12092  
 patents /, Catalog of government 85-12096  
 " and Trademarks annual report /, Commission 85-12091  
 " and trademarks style manual :a supplement 85-12093  
 path identification using face-to-face and side-by 85-13299  
 patient education., Current awareness in 85-12700  
 patients /, An Evaluation of the ability of Navy h 85-12343  
 patrol agent as a career., Border 85-12998  
 pattern computation of an arbitrarily shaped main 85-13089  
 " recognition for space applications center 85-13039  
 patterns from an agricultural airplane /, An exper 85-13463  
 " in primitive cultures and the laboratorie 85-12680  
 " of response and action in ECIA case studi 85-12471  
 pavement /, Construction of a recycled portland ce 85-13598  
 " and shoulder maintenance performance guid 85-13596  
 " design for seasonal frost conditions. 85-12254  
 pay and benefits as a civilian., Earn Army 85-12306  
 Pb-U-Th isotope data, for use with HP-86/87 micro 85-12829  
 PB DAT, a program for reduction of Pb-U-Th isotope 85-12829  
 PCN902-91548, S-10757-C), LANDSAT 4 investigations 85-13380  
 " , S-10757-C), Quarterly report, Landsa 85-13370  
 PDSS/IMC qualification test software acceptance pr 85-13166  
 " qualification test, user's manual 85-13165  
 peace, annual report on Public Law 480., Food for 85-11878  
 Peace Corps volunteers /, Water purification, dist 85-13485  
 peak power calibrator, Hewlett-Packard, model 8900 85-12287  
 Peanuts :background for 1985 farm legislation. 85-11862  
 Peko Hills, Elko County, Nevada, Preliminary geolo 85-12813  
 Pell grant formula /, The 85-12441  
 penetrations /, Characterization of nuclear reacto 85-13735  
 Penner River /, India-east coast, Bay of Bengal, P 85-12200  
 Pennsylvania :a handbook of effective transit mark 85-13585  
 " timber stands /, Rate of value change 85-11899  
 " , August 13-16, 1984 /, Statistics of 85-13565  
 " , 1982 census of manufactures. Preli 85-12020  
 " , 1982 census of wholesale trade. Geo 85-12070  
 pentachlorophenol, and the inorganic arsenicals., 85-12523  
 people you care about., The Army Reserve helps you 85-12303  
 " 's Republic of China ;, Controls on exports 85-13850  
 " 's Republic of China., Management and organi 85-11954  
 " 's Republic of China :determination of the C 85-12983  
 " , the place :an introduction to the invento 85-12942  
 Perfect in her place :women at work in industrial 85-13545  
 perform meaningful work in nonsheltered vocational 85-12455  
 performance : final report to the National Institu 85-12458  
 " analysis of the word synchronization p 85-13257  
 " and processing, The use of linear feat 85-13381  
 " and structural dynamic loads of the Mo 85-13062  
 " as applied to hydrocarbon exploration, 85-13367  
 " capabilities of the 12-centimeter xeno 85-13059  
 " computer program, Elliptical orbit 85-13148  
 " for coastal studies, Evaluation of spa 85-13242  
 " for coastal studies, Evaluation of spa 85-13420  
 " guides., Pavement and shoulder mainten 85-13596  
 " in ... and outlook /, U.S. trade 85-12122  
 " in ... and outlook, US trade 85-12122  
 " in revenue service and at the facility 85-13604  
 " measurement :demands, technology, and 85-12710  
 " measurements /, Sample size and precis 85-12115  
 " models for electrostatically stimulate 85-12516  
 " models, Summary of photovoltaic system 85-13325  
 " of compressor-drive turbine of Departm 85-13051  
 " of dish-type solar thermal collectors 85-13323  
 " of light-frame walls sheathed on two s 85-11892  
 " of six urban diffusion models /, Revie 85-12499  
 " of the Lester battery charger in elect 85-13315  
 " propeller designs, Application of an o 85-13072  
 " proving for fault-tolerant computers, 85-13150  
 " related to academy training success /, 85-13618  
 " standards /, Optical fiber communicati 85-12116  
 " , Analysis of electrophoresis 85-13172  
 pericardial bioprostheses, A durability study of 85-13238

- period ... /, Office of Inspector General report t 85-12722  
 " 1 June 1980 to 30 April 1983 on agreement N 85-13414  
 Period During Which Amendments to the United State 85-12578  
 Periodicals received by the CBO Library / 85-13947  
 periodo de 1973 a 1981, Levantamento da frequencia 85-13384  
 periods and methods., Accounting 85-13569  
 Permafrost regions in the Soviet Union. 85-13514  
 permselective membrane, Anion 85-13402  
 Persian Gulf, Kuwait-Iraq-Iran, Outer Approaches t 85-12198  
 Persian Gulf-southeastern part, Halat Al Mubarraz 85-12197  
 personal computer /, A comparative study of linear 85-12362  
 " property., Sale of federal surplus 85-12555  
 " property offered for sale by Defense Prop 85-12223  
 " property storage :field training workbook 85-12237  
 personnel /, Analysis to improve the maintenance e 85-12409  
 " preparation for serving special populati 85-12429  
 " qualification standard for BB-61 class e 85-12354  
 " qualification standard for C-2A aircraft 85-12348  
 " qualification standard for C-2A aircraft 85-12349  
 " qualification standard for FF-1052 class 85-12351  
 " qualification standard for H-1 helicopte 85-12356  
 " qualification standard for MK-37 gunfire 85-12355  
 " qualification standard for MK 68 gunfire 85-12352  
 " qualification standard for ships' mainte 85-12350  
 " qualification standard for surface elect 85-12353  
 " qualifications and training :TSORT—an au 85-13728  
 " system., A supervisor's guide to the com 85-12647  
 " , and training, Evaluation of the HARDMAN 85-13321  
 persons in engineering, 1978 /, Selected character 85-12044  
 perspectives on lifelong learning and career devel 85-12459  
 Peru, Mineral industry of 85-12933  
 " , Preprint from the ... Bureau of Mines Miner 85-12933  
 pesticides :creosote, pentachlorophenol, and the i 85-12523  
 petroleum assessment of wilderness lands in the we 85-12833  
 " marketplace., Future of independent mar 85-13931  
 " potential, environmental consideration f 85-12837  
 " refining, lubricating oils and greases ( 85-12029  
 " reserve., Problems with distribution of 85-13873  
 " reserve., Strategic 85-13835  
 Petrologic and, Final technical report for the per 85-13414  
 " studies of meteorites and lunar samples 85-13424  
 petrology of the deep crust and the interpretation 85-13439  
 Phantom tax reform : 85-13826  
 phase correction table :central Pacific /, Loran-C 85-12160  
 " diagrams by thermal and UV spectroscopic ana 85-13036  
 " I : final report /, Research in effective te 85-12453  
 " locking synchronizer, Weinschel engineering 85-12277  
 " 1., Materials licensing study : 85-13724  
 " 1A pipeline project :environmental assessmen 85-12418  
 " 2-effects of pumping on water levels and on 85-12738  
 " II, electricity, electronics, and electrical 85-12340  
 " II, Reed Solomon codes for error control in 85-13359  
 " II (1981-1983) /, Residential wood heater re 85-13763  
 " III /, Airbag demonstration program : 85-13627  
 phenomena in spur and helical gears with modified 85-13079  
 Philadelphia, Pennsylvania, August 13-16, 1984 /, 85-13565  
 Philippines, a country study / 85-12273  
 " , Mineral industry of the 85-12934  
 " , Preprint from the ... Bureau of Mine 85-12934  
 Phoenix Indian Medical Center :drug formulary. 85-12638  
 Phoenix Wilderness EIS area :Maricopa, Mohave, Pim 85-12729  
 phosphoric acid-fuel cell stack technology develop 85-13394  
 " acid fuel cells for electric utility po 85-13160  
 Photo interpretation key to Michigan land cover us 85-13385  
 Photo-interpretation map of surficial deposits and 85-12824  
 photogrammetric algorithms for the measurement of 85-13102  
 photographs., How to obtain aerial 85-12843  
 photography for assessing foliage protection achie 85-11879  
 " of rock core samples. 85-11955  
 " , 1982, Land use inventory of Salt Lake 85-13378  
 phototherapy /, Seasonal affective disorder and 85-12709  
 photovoltaic modules and arrays, Safety-related re 85-13335  
 " powered refrigerator freezers for med 85-13155  
 " powered refrigerators/freezers for me 85-13159  
 " system performance models, Summary of 85-13325  
 " systems, Low-frequency switching volt 85-13050  
 photovoltaics industry., The current state and fu 85-13926  
 " , Environmental, health, and safety a 85-13327  
 " , Synthesis of major economic studies 85-13350  
 phthalate esters /, EPA method study 16, method 60 85-12502  
 phylogeny of the genera of Brachycentridae (Tricho 85-13546  
 physical processes for space radiation protection, 85-13213  
 physically handicapped individuals., Books for bli 85-13025  
 physican :the Army medical team., Be a vital part 85-12297  
 physics at the University of Iowa :annual report f 85-13442  
 " , Research in solar 85-13173  
 physio-chemical properties of polymeric and electr 85-13438  
 physiographic conditions on temperature and humidi 85-11904  
 phytoplankton in non-homogeneous turbid water, A r 85-13353  
 Pick-Sloan Missouri River Basin Program., An Act i 85-12579  
 pictures & sound and video recordings in the Natio 85-12556  
 pigmented structural glass (Vitrolite and Carrara 85-12951  
 Pilot interaction with automated airborne decision 85-13355  
 " proficiency award program. 85-13612  
 " unit experience /, Electrostatic augmentatio 85-12512  
 Pima, Pinal and Yavapai Counties, Arizona /, Propo 85-12729  
 Pinal and Yavapai Counties, Arizona /, Proposed wi 85-12729  
 pine /, Short internodes in western white 85-11913  
 " dwarf mistletoe /, Lodgepole 85-11890  
 " financial returns in the Lake States /, A new 85-11897  
 " in the northern Rocky Mountains /, Lumber rec 85-11902  
 " plantations in the lower Coastal plain of the 85-11943  
 " tree planting operation :a time study /, Mech 85-11917  
 " trees /, Biomass estimators for thinned secon 85-11921  
 pine-hardwood sites /, Deer and cattle forage sele 85-11908  
 Pine Ridge quadrangle, Moffat County, Colorado, Ge 85-12817  
 Pipeline accident report :Boston Gas Company natur 85-13591  
 " project :environmental assessment : Algon 85-12418  
 " safety regulations :enforcement procedure 85-13638  
 " safety regulations :enforcement procedure 85-13639  
 pipelines., Discriminatory taxation on 85-13795  
 pitch change mechanism incorporating a hybrid trac 85-13071  
 place : an introduction to the inventory., Ebey's 85-12942  
 " for a BSN to start :the Army Medical Team., 85-12299  
 " (major group 22), 1982 census of manufactur 85-12034  
 " :women at work in industrial America /, Perf 85-13545  
 Placement programs for displaced federal employees 85-13914  
 plain of North Carolina, 1984 /, Forest statistics 85-11933  
 " of the Carolinas, Georgia, and north Florida 85-11943  
 plan /, National winter storms operations 85-12097  
 " /, Operating research 85-12414  
 " amendments to the California Desert Conservat 85-12964  
 " and final environmental impact statement /, P 85-12728  
 " :draft environmental impact statement : Medic 85-11947  
 " :final environmental impact statement., Westm 85-12732  
 " for a quarter scale aft segment of the SRB fi 85-13168  
 " for Lower Rio Grande Valley National Wildlife 85-12953  
 " :Hampton National Historic Site., General man 85-12943  
 " :Nantahala & Pisgah National Forests, North C 85-11949  
 " of 1980 :draft environmental assessment., Pro 85-12964  
 " (proposed), Medicine Bow National Forest, and 85-11948  
 " summary., Price River Resource Area manage- 85-12959  
 " , and handbook guide /, Lower Mississippi Rive 85-13641  
 " , and handbook guide :executive summary /, Low 85-13640  
 " . Directory of participants handling waterfowl 85-12006  
 plane channel flow, Transition to turbulence in 85-13209

- planetary geology and geophysics principal investi 85-13129  
 " geology principal investigators and thei 85-13122  
 " geology program - 1983, Reports of 85-13121  
 " geometry handbook 85-13220  
 " geometry handbook 85-13221  
 " program], [NASA-Texas 85-13358  
 " science conference, March 12-16, 1984, P 85-13440  
**Planetary Data Workshop : part 2 : proceedings of a** 85-13458  
 " : proceedings of a workshop 85-13459  
**Planetary Sciences, The Johns Hopkins University,** 85-13414  
**planets /, The Geology of the terrestrial** 85-13134  
**planning /, Word processing : a guide to program** 85-12439  
 " and infertility : United States, 1982 /, U 85-12690  
 " area : wilderness technical report., Esmer 85-12957  
 " areas., Rangeland program summary for Alt 85-12967  
 " grantees, delegates & clinics., Family 85-12687  
 " grantees, delegates and clinics., Family 85-12687  
 " guide., Beyond high school : the army's ed 85-12308  
 " guide., Drunk driving public information 85-13635  
 " guide for management analysts., Training 85-13491  
 " method : Wisconsin power plant impact stud 85-12496  
 " work in a stream / 85-12328  
 " .. Family 85-12552  
**plans ..., Activities ...** 85-12112  
 " : Ratification of reorganization 85-13875  
 " for space, 6-7 December 1984., Space Symposi 85-12220  
 " specialist (AFSC 66150) /, Logistics 85-12402  
 " .. Hip pocket lesson 85-12234  
**plant /, Interim reliability evaluation program : a** 85-13729  
 " control room crews /, Task analysis of nucle 85-13725  
 " cooling /, Appraisal study of saline water u 85-12901  
 " impact study /, A simple transmission networ 85-12496  
 " impact study /, Instrumentation, recording, 85-12497  
 " operation, A research program in determinati 85-13249  
 " personnel qualifications and training : TSORT 85-13728  
 " test procedure manual /, Technical irrigatio 85-12420  
 " wastewaters : a resource document /, Toxicity 85-12495  
**Plant Health Inspection Service : Improved Standa** 85-13771  
**plantation on a clay site /, Growth, thinning trea** 85-11927  
**plantations /, Weed control for establishing inten** 85-11918  
 " in the lower Coastal plain of the Caro 85-11943  
**planted hardwood species with mechanical weed cont** 85-11928  
**planting and harvesting dates for U.S. field crops** 85-11876  
 " operation : a time study /, Mechanized red 85-11917  
**plants /, Organizational analysis and safety for u** 85-13723  
 " /, Removal of giardia lamblia cysts by drin 85-12487  
 " : Meat, Poultry, and Egg Products Inspecti 85-13770  
 " : final report of subtask C, 'He 85-13730  
 " operating under USDA poultry and egg gradin 85-11973  
 " : technical findings relevant to Unresolved 85-13709  
 " , sausages and other prepared meats (industr 85-12023  
 " , The kinematic stirling engine as an energy 85-13313  
**Plasma and magnetospheric research** 85-13170  
 " , Characteristics of arc currents on a negat 85-13082  
**plasmas, Theoretical studies of x-ray emission fro** 85-13428  
**plastic films and soil stabilizers., U.S./U.S.S.R.** 85-12899  
**Plata to Bahia Blanca /, South America, Argentina-** 85-12165  
**plate and a cone /, On the design of an optimal wa** 85-12361  
**plates /, License** 85-13601  
 " under blast loading (CSDOOR) /, Users guide 85-12321  
**plot data /, The Quality of Agricultural Research** 85-11970  
**plotting computer program, NEMAR** 85-13147  
**plug-in, Weinschel Engineering Company model 432AP** 85-12262  
**PLUGM, a coupled thermal-hydraulic computer model** 85-13722  
**plumes of IO : a detection of solid sulfur dioxide** 85-13445  
**plywood industry in the United States, 1965-82 /,** 85-11929  
**PMR-15 polyimide, An investigation into the inject** 85-13256  
**PMS blue book.** 85-12683  
**pneumatic tires, diesel driven, 600 CFM, 100 psi,** 85-12258  
 " tires, 3 to 10 ton per hr. (NSN 3895-00- 85-12255  
**Pocket gopher food habits on two disturbed forest** 85-11906  
 " lesson plans., Hip 85-12234  
**pocketbook., Hazardous materials : storage and hand** 85-12229  
**point defects in solar silicon ribbon material, Ca** 85-13342  
**Pointe de Beg to Cap Frehel /, United Kingdom-Fran** 85-12174  
**points of order against the conference report on H** 85-13684  
**Poisson's ratios, Composite laminates with negativ** 85-13288  
**polar cap topside sounder Z mode observations, Fie** 85-13118  
**Polarization angles of linearly polarized antennas** 85-12117  
**polarized antennas and radio waves in satellite co** 85-12117  
**Pole Canyon quadrangle, Harney County, Oregon, Geo** 85-12811  
**police : military working dogs., Military** 85-12253  
**policies : , NRC management** 85-13825  
 " in the grain and oilseed sectors /, Argen 85-11982  
 " , procedures and considerations., Mobility 85-12142  
 " , procedures, and information., Legal serv 85-12251  
**policy /, Longrun changes in world food supply and** 85-11987  
 " /, The contact lens industry : structure, co 85-13754  
 " /, The market for wheelchairs : innovations 85-13753  
 " : , An Agenda for a study of government scie 85-13920  
 " : , Japanese tax 85-13807  
 " : , U.S. international environmental 85-13858  
 " alternatives for serving special population 85-12428  
 " analysis /, Import quotas on textiles : the 85-12531  
 " analysis, and other evaluation methods /, N 85-12446  
 " analysis of professional development and pe 85-12429  
 " & technology., Blood 85-13750  
 " changes : a comparison /, Models for evaluat 85-11985  
 " : December 12, 1984., South Asia and U.S. fo 85-13521  
 " interventions /, The Brazilian soybean indu 85-11980  
 " issues : a report of citizen concerns and re 85-11848  
 " issues in the eighties, current research, a 85-11994  
 " on production and trade /, West Germany : th 85-11990  
 " on South Africa : , U.S. 85-13861  
 " on U.S. agriculture : , The effects of feder 85-13809  
 " report : The President's 1984 national urb 85-13804  
 " report : The President's 1984 national urb 85-13808  
 " to succeed the Agriculture and Food Act of 85-13767  
 " toward Nicaragua /, Misconceptions about U. 85-13516  
 " .. Joint session of Congress : message from t 85-13676  
 " : , Recent developments in UNESCO and their i 85-13859  
**Political Subdivisions Thereof as Reimbursements f** 85-12581  
**pollution and water resources., Water** 85-12540  
 " measurement systems., Quality assurance 85-12483  
 " , monitoring and research : Report to th 85-12100  
**polycrystalline silicon material (PROPSM), Process** 85-13339  
 " silicon material (PROPSM), Process 85-13340  
**polyimide, An investigation into the injection mol** 85-13256  
**polyimides and of an improved liner retention desi** 85-13076  
**polymer in the SKG range, Manufacture of DPFC-DMS** 85-13455  
**polymeric and electrochemical materials for aerosp** 85-13438  
**polymers /, Heterogeneous oxidative degradation in** 85-13731  
**Pomme de Terre and Chippewa River Valleys, western** 85-12789  
**ponderosa pine trees /, Biomass estimators for thi** 85-11921  
**Ponza /, Mediterranean Sea, Italy-west coast, Civi** 85-12188  
**poor /, In-kind benefits and the nonmetro** 85-12001  
**poplar plantations /, Weed control for establishin** 85-11918  
**Poplar Bluff, Missouri, as the "John J. Pershing** 85-12618  
**Popular names of U.S. Government reports : a catalo** 85-13022  
 " western whitewater boating rivers managed 85-12947  
**population : 1975 to 1980., Interstate migration of** 85-13651  
 " .. Private health insurance coverage of 85-12694  
**Population Research, National Institute of Child H** 85-12677  
**populations /, A policy analysis of professional d** 85-12429  
 " : September 13-15, 1983, Holiday Inn, 85-11938  
 " at Army installations /, Effects of tr 85-12329  
 " in vocational education /, An analysis 85-12428

- port index., World 85-12149  
 " risk management guidebook: a risk management a 85-13642  
 Port Essington to Cape Stewart /, Australia-north 85-12204  
 Port Graham Fault, Alaska, Geologic map and sectio 85-12830  
 Port St. Lucie, Florida), Proceedings of the Flat- 85-13334  
 Portage, Wisconsin : Wisconsin power plant impact s 85-12497  
 portions of the Needles 1"x 2 85-12816  
 Portland and Pointe de Beg to Cap Frehel /, United 85-12174  
 " cement concrete pavement /, Construction 85-13598  
 ports /, Port risk management guidebook: a risk man 85-13642  
 position location accuracy, Effects of spacecraft 85-13413  
 post offices /, How to apply National Register cri 85-12950  
 " report., Liberia, 85-13533  
 " report., Nepal : 85-13534  
 " report., The Gambia, 85-13532  
 post-merger petroleum marketplace : Future of ind 85-13931  
 Post Office and Courthouse in Utica, New York, as 85-12620  
 post-stall capability, Development of dynamic simu 85-13053  
 postal service : Status of U.S. 85-13915  
 Postal Service. and General Government Appropriati 85-13558  
 " , EEO : USPS' commitment towards ful 85-13476  
 postfire management /, Five southern California oa 85-11940  
 " revegetation in a western Montana Douglas 85-11894  
 postnatal studies in rats of the propylene glycol 85-12486  
 postsecondary vocational-technical student time on 85-12430  
 poststrike air traffic control specialist trainees 85-13618  
 potential : a geostatistical classification /, Clas 85-12966  
 " effects of the fuelwood market on wood-u 85-11920  
 " flows about arbitrary configurations usi 85-13136  
 " from improvement in railcar reliability 85-13625  
 " of the Eighteenmile Wilderness study are 85-12834  
 " of the Silver City 1"x 2 85-12839  
 " opportunities for reforestation of margi 85-13780  
 " utility of future satellite magnetic fie 85-13409  
 " , environmental consideration for develop 85-12837  
 " , Older worker employment comes of age : 85-13698  
 Potentiometric surface of the Floridan aquifer in 85-12818  
 " surface of the Floridan aquifer Sou 85-12821  
 poultry and egg grading and egg products inspectio 85-11973  
 " improvement plan. Directory of participant 85-12006  
 " slaughter plants : Meat, Poultry, and Egg 85-13770  
 " , and Egg Products Inspection Amendments of 85-13770  
 " , and game birds, National poultry improve 85-12006  
 " , and game birds, Directory of participants 85-12006  
 powder metallurgy aluminum alloys via rapid solidi 85-13201  
 powders, and paints, coating, and related items : 85-12976  
 power : Regional electric 85-13830  
 " calibrator, Hewlett-Packard, model 8900B, C 85-12287  
 " conditioning system, Requirements for a tran 85-13330  
 " conversion performance and structural dynami 85-13062  
 " generation, Evaluation of gas-cooled pressur 85-13160  
 " industry /, An assessment of terminal blocks 85-13732  
 " plant /, Interim reliability evaluation prog 85-13729  
 " plant control room crews /, Task analysis of 85-13725  
 " plant cooling /, Appraisal study of saline w 85-12901  
 " plant impact study /, A simple transmission 85-12496  
 " plant impact study /, Instrumentation, recor 85-12497  
 " plant operation, A research program in deter 85-13249  
 " plant personnel qualifications and training 85-13728  
 " plants /, Organizational analysis and safety 85-13723  
 " plants : technical findings relevant to Unres 85-13709  
 " plants, The kinematic stirling engine as an 85-13313  
 " program summary. 85-13758  
 " study, Rotorcraft contingency 85-13396  
 " systems, CONC/11, a computer program for cal 85-13323  
 " transmission shafting and their impact on de 85-13048  
 powered aircraft, Structural sizing of a solar 85-13198  
 " refrigerator freezers for medical use in r 85-13155  
 " refrigerators/freezers for medical use in 85-13159  
 practice and potential., Older worker employment c 85-13698  
 " of military strategy /, The Art and 85-12221  
 " : report to the Chairman, Subcommittee on 85-12534  
 practices : Country reports on human rights 85-13864  
 " and priorities /, Public service in high 85-12460  
 " and procedures., Consolidated listing of 85-12092  
 " in the Southeast /, Use and cost of soil 85-11984  
 " in the Texas High Plains /, Furrow dike 85-11853  
 " report on the use of mediation and arbit 85-13005  
 " , CFR. 16, Commercial 85-12563  
 " , Code of Federal regulations. 16, Comme 85-12563  
 " , Commercial 85-12563  
 Pre) co-operative education program : a career oppo 85-12364  
 Pre-command course. 85-12236  
 pre-quaternary ash-flow tuffs and volcanoclastic r 85-12755  
 " ash-flow tuffs, basin and range pro 85-12763  
 " ash-flow tuffs, basin and range pro 85-12780  
 " basaltic rocks, basin and range pro 85-12756  
 " basaltic rocks, basin and range pro 85-12774  
 pre-school handicapped children : resources and ser 85-13023  
 precipitation from the South Pole /, Baseline acid 85-12325  
 precision in communication performance measurement 85-12115  
 " measurements in crustal dynamic studies, 85-13287  
 " measuring equipment technician (AFSC 324 85-12390  
 predict efficiency of aircraft gearboxes, An analy 85-13074  
 " nocturnal cold prone areas in Florida, Use 85-13369  
 predicting maximum fluid particle size for drops a 85-13746  
 " nonlinear uniaxial material responses u 85-13060  
 " subsonic or supersonic linear potential 85-13136  
 " transpiration and water stress in weste 85-11905  
 prediction in three-dimensional boundary layers, C 85-13149  
 predictions, Confined turbulent swirling recircula 85-13431  
 preference and U.S. wheat exports /, Cargo 85-11989  
 pregnancy /, A followup study of mothers exposed t 85-12670  
 prehistory and ethnography of Olympic National Par 85-12946  
 prehospital care., Computerized algorithms for eva 85-13628  
 Preliminary complete Bouguer gravity anomaly map o 85-12825  
 " design review coupled loads analysis, 85-13040  
 " estimates for 1982 /, Major uses of la 85-11990  
 " geologic map of Furnas Volcano, Sao Mi 85-12815  
 " geologic map of the Peko Hills, Elko C 85-12813  
 " inquiry /, Self-paced instruction : fa 85-12410  
 " investigation into using the sun as a 85-12090  
 " map of limonitic hydrothermal alterati 85-12816  
 " report /, Applying research to teacher 85-12467  
 " report. Geographic area series. Middle 85-12020  
 " report. Geographic area series. Pacifi 85-12022  
 " report. Geographic area series. South 85-12021  
 " report. Industry series. Children's ou 85-12027  
 " report. Industry series. Construction 85-12032  
 " report. Industry series. Finishing mil 85-12025  
 " report. Industry series. Grocery store 85-12049  
 " report. Industry series. Mail order ho 85-12050  
 " report. Industry series. Meat packing 85-12023  
 " report. Industry series. Men's and boy 85-12026  
 " report. Industry series. Nonferrous wi 85-12031  
 " report. Industry series. Petroleum ref 85-12029  
 " report. Industry series. Pressed and b 85-12030  
 " report. Industry series. Tanks and tan 85-12033  
 " report. Industry series. Waterproof ou 85-12028  
 " report. Industry series. Weaving mills 85-12024  
 " report. Subject series. Textile machin 85-12034  
 " study of a radiantly heated fluidized 85-13343  
 " study of (2-D) digital filtering for d 85-13207  
 " validation of H20TRANS and DAYTRANS, t 85-11905  
 preparation ACP 127 ( ) tape format : workbook., Me 85-12316  
 " for serving special populations /, A p 85-12429  
 prepared meats (industries 2011 and 2013), 1982 c 85-12023

- preparedness specialist (AFSC 24250) / Disaster  
 Preparing business and courtesy reply mail. 85-12384  
 Preprint from the ... Bureau of Mines Minerals yea 85-12908  
 " from the ... Bureau of Mines Minerals yea 85-12910  
 " from the ... Bureau of Mines Minerals yea 85-12911  
 " from the ... Bureau of Mines Minerals yea 85-12912  
 " from the ... Bureau of Mines Minerals yea 85-12913  
 " from the ... Bureau of Mines Minerals yea 85-12914  
 " from the ... Bureau of Mines Minerals yea 85-12915  
 " from the ... Bureau of Mines Minerals yea 85-12916  
 " from the ... Bureau of Mines Minerals yea 85-12917  
 " from the ... Bureau of Mines Minerals yea 85-12918  
 " from the ... Bureau of Mines Minerals yea 85-12919  
 " from the ... Bureau of Mines Minerals yea 85-12920  
 " from the ... Bureau of Mines Minerals yea 85-12921  
 " from the ... Bureau of Mines Minerals yea 85-12922  
 " from the ... Bureau of Mines Minerals yea 85-12923  
 " from the ... Bureau of Mines Minerals yea 85-12924  
 " from the ... Bureau of Mines Minerals yea 85-12925  
 " from the ... Bureau of Mines Minerals yea 85-12926  
 " from the ... Bureau of Mines Minerals yea 85-12927  
 " from the ... Bureau of Mines Minerals yea 85-12928  
 " from the ... Bureau of Mines Minerals yea 85-12929  
 " from the ... Bureau of Mines Minerals yea 85-12930  
 " from the ... Bureau of Mines Minerals yea 85-12931  
 " from the ... Bureau of Mines Minerals yea 85-12932  
 " from the ... Bureau of Mines Minerals yea 85-12933  
 " from the ... Bureau of Mines Minerals yea 85-12934  
 " from the ... Bureau of Mines Minerals yea 85-12935  
 " from the ... Bureau of Mines Minerals yea 85-12936  
 " from the ... Bureau of Mines Minerals yea 85-12937  
 " from the ... Bureau of Mines Minerals yea 85-12938  
 " from the ... Bureau of Mines Minerals yea 85-12939  
 " from the ... Bureau of Mines Minerals yea 85-12940  
 " from the ... Bureau of Mines Minerals yea 85-12941  
 Prescribing silvicultural treatments in hardwood s 85-11939  
 present, and future / Eruptions of Mount St. Hele 85-12735  
 Presentation of opportunities for the chemical ind 85-13270  
 preservation : HAWK Air Defense Guided Missile Sys 85-12264  
 " and Interpretation of the Art Barn in 85-12585  
 " of historic pigmented structural glas 85-12951  
 " program for the Colusa Basin : Colusa 85-12955  
 " treatments / A Glossary of historic 85-12944  
 preservative pesticides : creosote, pentachlorophen 85-12523  
 preservice/in-service teacher education / A collab 85-12466  
 President and Members of Congress / Commencement 85-13893  
 " and the Congress of the United States / 85-13701  
 " of the United States., Report and recomm 85-13494  
 " of the United States and the Secretary o 85-13492  
 " of the United States of the National Adv 85-13697  
 " of the United States transmitting a deta 85-13673  
 " of the United States transmitting a repo 85-13675  
 " of the United States transmitting a repo 85-13680  
 " of the United States transmitting his Ce 85-13676  
 " of the United States transmitting propos 85-13674  
 " of the United States transmitting the In 85-13662  
 " of the United States transmitting the pa 85-13663  
 " of the United States vetoing H.R. 1362, 85-13679  
 " transmitted to the Congress., Economic r 85-13496  
 " transmitted to the Congress., Economic r 85-13681  
 " 's 1984 national urban policy report : T 85-13804  
 " 's 1984 national urban policy report : T 85-13808  
 " 's 1986 budget : The 85-13765  
 Press abstracts : fifteenth lunar and planetary sci 85-13440  
 Pressed and blown glass, N.E.C. (industry 3229), 85-12030  
 Pressure distribution data from tests of 2.29-mete 85-13042  
 " fluctuations in strong adverse pressure g 85-13441  
 " gradient turbulent boundary layers, I, Fi 85-13441  
 " loss and turbulence characteristics of fo 85-13093  
 pressures in a turbofan engine for static and flig 85-13460  
 pressurized oxygen / Laser-initiated combustion s 85-12089  
 " phosphoric acid fuel cells for electri 85-13160  
 Pretest plan for a quarter scale aft segment of th 85-13168  
 Pretesting television PSAs : user's guide. 85-12664  
 pretreatment on the tribological properties of gra 85-13047  
 prevent crime too! : the crime prevention colorin 85-12232  
 " enemy use., Procedure for destruction of t 85-12265  
 " the abuse of children in child care facili 85-13897  
 Prevent Disruption of the Structure and Functionin 85-12599  
 prevention activity book., The Crime 85-12999  
 " coloring book., "Have fun coloring and 85-12232  
 " of drug abuse among youth : 85-13879  
 " programs : an administrative guide for s 85-12716  
 " .. Alcohol and drug abuse 85-12425  
 Preventive detention of juveniles : 85-13892  
 previously reported deferral of budget authority, 85-13675  
 price of late model vehicle components relating to 85-13629  
 " 30 x 60 -minute quadrangle, Utah / Map show 85-12891  
 Price River Resource Area management framework pla 85-12959  
 price-support and adjustment programs, 1933-84 : ba 85-11874  
 prices of U.S. rice / Factors affecting supply, d 85-12000  
 " , and expenditures / Food consumption, 85-11852  
 Priest River Experimental Forest, northern Idaho / 85-11936  
 Primary insurance amount for an average male worke 85-12645  
 " neoplasms on the development of second mal 85-12666  
 " olefins, and certain other hydrocarbons, T 85-12974  
 Prime contract awards by state. 85-12135  
 " contract awards in labor surplus areas / 85-12136  
 " contract awards in labor surplus areas / 85-12137  
 " contract awards in labor surplus areas / 85-12138  
 " contract awards in labor surplus areas / 85-12139  
 primitive cultures and the laboratories for slow, 85-12680  
 Principal facts for one-hundred-six gravity statio 85-12807  
 " investigators and their associates, 1982 85-13122  
 " investigators and their associates, 1983 85-13129  
 Principal Visitor Center Is Established, Such Cent 85-12586  
 principles of epidemiology homestudy course 3030-G 85-12699  
 " of epidemiology : principles of epidemio 85-12699  
 priorities / Public service in higher education : 85-12460  
 " list, October 1984., Hazardous waste si 85-12479  
 Priority accessible network for the elderly and ha 85-13595  
 private and public bills and resolutions favorably 85-13884  
 " health insurance coverage of the medicare 85-12694  
 probabilistic combination of quasistatic and rando 85-13038  
 probability of a concatenated coding scheme for er 85-13279  
 Problem of delays in processing Federal Employees' 85-13868  
 " , A semi-direct procedure using a local rel 85-13068  
 " , General aviation aircraft interior noise 85-13357  
 " , including any relevant reports from the S 85-13680  
 problemas hidrologicos e inundaciones, Aplicacione 85-13364  
 problems and preservation treatments / A Glossary 85-12944  
 " : criterion test., Investigating infection 85-12704  
 " for nongeostationary satellites, Interfer 85-13307  
 " in flight dynamics, Nonlinear 85-13107  
 " in manuscript encapsulation, Application 85-13226  
 " in the Northwest :, Review of ground wate 85-13872  
 " with distribution of oil from the strateg 85-13873  
 procedure / Understory vegetation inventory : an e 85-11895  
 " for automatic phase locking synchronizer 85-12277  
 " for automotive generator and voltage reg 85-12276  
 " for calibration fixture, Hewlett-Packard 85-12278  
 " for destruction of tow heavy antitank/as 85-12265  
 " for electrical test stand, United Manufa 85-12295  
 " for electronic voltmeters AN/URM-145 (Bo 85-12283  
 " for hygograph and thermograph system, H 85-12285  
 " for multimeter ME-297/U., Calibration 85-12282  
 " for oscilloscope, AN/USM-184 (Tektronix 85-12279

- " for oscilloscopes AN/USM-140 and AN/USM- 85-12280  
 " for peak power calibrator, Hewlett-Packard 85-12287  
 " for signal generator, AN/URM-52( ), TS-6 85-12288  
 " for standard capacitors fixed and variable 85-12281  
 " for telephone test set TA-885/U and Hewlett 85-12284  
 " for the determination of effective lead 85-13429  
 " for the U.S. district courts, adopted by 85-13677  
 " for the U.S. district courts: communication 85-13677  
 " for weights (mass) (general), Calibration 85-12286  
 " manual /, Technical irrigation pumping p 85-12420  
 " to assess side structures., Test device 85-13632  
 " using a local relaxation factor and its 85-13068  
 " 85-1., Revenue 85-13562  
 " 85-2., Revenue 85-13563  
 " 85-13563  
**procedures** : Federal agencies' audit resolution 85-13865  
 " : IRS compliance 85-13930  
 " and considerations., Mobility system po 85-12142  
 " and equipment /, Borehole logging for r 85-13726  
 " for collecting soil samples and methods 85-11963  
 " for federal radio frequency management 85-12114  
 " manual. Vol. 10, Multiple application r 85-12224  
 " manual. Vol. 11, Edit/validation criterion 85-12225  
 " manual. Vol. 13, Materiel management de 85-12226  
 " manual. Vol. 14, Reports and statistics 85-12227  
 " manual. Vol. 16, Remote terminal system 85-12228  
 " trainer /, Training effectiveness evalu 85-12339  
 " used in the United States justice syste 85-13660  
 " with illustrated parts breakdown: adapt 85-12376  
 " with illustrated parts breakdown: airfo 85-12375  
 " with illustrated parts breakdown: targ 85-12377  
 " , and information., Legal services: stat 85-12251  
 " , Consolidated listing of recent Offici 85-12092  
 " , part 190 : natural gas, part 191-192., 85-13638  
 " , part 190 : natural gas part, 191-192 : 85-13639  
 " , PDSS/IMC qualification test software a 85-13166  
**proceedings** : approaches for improving the assessme 85-12485  
 " : new and improved techniques for monit 85-11938  
 " of a conference held at NASA Lewis Res 85-13456  
 " of a meeting held at the University of 85-12649  
 " of a workshop held at Goddard Space Fl 85-13458  
 " of a workshop held at Goddard Space Fl 85-13459  
 " of the CSNI Specialist Meeting on Leak 85-13747  
 " of the Flat-Plate Solar Array Project 85-13334  
 " of the symposium, August 8, 1984, Colo 85-11942  
 " of the Thirteenth Annual Financial Man 85-13497  
 " , Fifth Parabolic Dish Solar Thermal Po 85-13333  
 " , Vocational Education and Defense Prep 85-12451  
**process** : a study of the implementation and impact 85-13003  
 " : applications /, Environmental assessment an 85-12511  
 " : heaters /, Evaluation of natural and forc 85-12510  
 " : research in polycrystalline silicon materi 85-13340  
 " : research of non-CZ silicon material 85-13344  
 " : research on polycrystalline silicon materi 85-13339  
**processed** oil shales /, Leaching and selected hydr 85-12480  
**processes** for solar cell encapsulants, Investigati 85-13336  
 " for solar cell encapsulants, Investigati 85-13341  
 " for space radiation protection, A study 85-13213  
 " in wetlands : report of a workshop condu 85-13457  
**processing** : a guide to program planning /, Word 85-12439  
 " : definitions and specifications-master 85-12651  
 " : Federal Employees' Compensation Act (FE 85-13868  
 " : of LANDSAT data, The effects of solar i 85-13371  
 " : of large arrays, A model for the distri 85-13180  
 " : of meteorological data near Portage, Wi 85-12497  
 " : system requirements document #NG-13, NI 85-13087  
 " : technology to problems in manuscript en 85-13226  
 " , Laser-assisted solar cell metallizatio 85-13348  
 " , Laser-assisted solar cell metallizatio 85-13349  
 " , The use of linear feature detection to 85-13381  
**Processor-controlled** timing module for Loran-C rec 85-13448  
**procurement** center representatives : S. 2489, the 85-13933  
**produced** on highly sodic coal mine spoils /, Viabi 85-11914  
 " : wine : Market expansion for U.S. 85-13942  
**producers** : Review the impact of Canadian trade o 85-13768  
**product** finite element 3DPNS algorithm for subsoni 85-13182  
**production** /, Computer model for economic study of 85-11935  
 " : and exports /, Australian beef 85-11997  
 " : and mill stocks /, Current industrial r 85-12037  
 " : and mill stocks, Lumber 85-12037  
 " : and trade /, West Germany : the effect o 85-11990  
 " : at LARC, Computer generated animation a 85-13202  
 " : expenditures /, Farm 85-11977  
 " : in the north central region by county., 85-11930  
 " : of high-purity silicon, Preliminary stu 85-13343  
 " : of surplus crops on irrigated land serv 85-11986  
 " : of 12-year-old intensively cultured Lar 85-11919  
 " : studies /, Drive-to-tree, rubber-tired 85-11944  
 " : version of the extended NASA-Langley Vo 85-13046  
**productions** cleared for public release., Catalog o 85-12134  
 " : DoD productions cleared for public re 85-12134  
**productivity** : a new look /, Measuring agricultural 85-11992  
 " : and administrability of the tax code 85-13840  
 " : growth in America : a challenge for th 85-13492  
**products** /, Current industrial reports. M-32D, Cla 85-12036  
 " /, Current industrial reports. MA-33B, St 85-12040  
 " /, Effects of sewage sludge on corn silag 85-12488  
 " : industry : Competitive conditions in the 85-13943  
 " : inspection programs /, List of plants ope 85-11973  
 " : Clay construction 85-12036  
 " : Steel mill 85-12040  
**profesionales** : equal employment opportunity in th 85-13476  
**professional** development and personnel preparation 85-12429  
 " : performance : final report to the Nat 85-12458  
 " : workers in state agricultural experim 85-11875  
**Professional Sports Team Community Protection Act** 85-13829  
**professionals**. Book II., The Freedom of Informatio 85-13009  
 " : , The Freedom of Information Act for 85-13008  
**proficiency** award program., Pilot 85-13612  
**profile** /, Cameroon : an export market 85-11981  
 " : highlights., HRSA significant employment 85-12715  
 " : of employment and unemployment /, Geograph 85-13012  
**profiles** of temperature in the lower troposphere, 85-12321  
**program** /, Handicapped driver waiver 85-13602  
 " /, Internal control review report on the m 85-12519  
 " : - 1983, Reports of planetary geology 85-13121  
 " : : a career opportunity for you., The Co-ope 85-12363  
 " : : a career opportunity for you., The (Pre) 85-12364  
 " : advisory committee resource guide /, Vocat 85-12427  
 " : : analysis of the Calvert Cliffs, unit I nu 85-13729  
 " : and administrative changes : report to the 85-12535  
 " : directory for petroleum assessment of wild 85-12833  
 " : facility description report /, BWR Full In 85-13718  
 " : following the accident at Three Mile Islan 85-13922  
 " : for acute abdominal pain /, Computer-assis 85-12342  
 " : for analysis of molten-core concrete inter 85-13738  
 " : for calculating the performance of dish-ty 85-13323  
 " : for development of strain tolerant thermal 85-13237  
 " : for Egypt, Report on mineral resources geo 85-12838  
 " : for ice containment analysis /, CONTEMP4/ 85-13744  
 " : for optimum dynamic design of nonlinear me 85-12321  
 " : for predicting nonlinear uniaxial material 85-13060  
 " : for predicting subsonic or supersonic line 85-13136  
 " : for reduction of Pb-U-Th isotope data, for 85-12829  
 " : for the Colusa Basin : Colusa & Glenn Count 85-12955  
 " : for the Phoenix Wilderness EIS area : Maric 85-12729  
 " : guide /, Nursing service administrative de 85-13647  
 " : in basic sciences., United States-Spain co 85-13473

- in determination of heavy metals in sediment manager M1 Abrams tank system., Materiel f 85-13249  
 of inspection in livestock and poultry sla 85-12238  
 of the National Institute of Allergy and I 85-13770  
 performance measurement :demands, technolo 85-12671  
 :phase III /, Airbag demonstration 85-12710  
 planning /, Word processing :a guide to 85-13627  
 review and evaluation report :weed science 85-12439  
 setion 105 (f) of the Surface Transportati 85-11965  
 strategies and planning guide., Drunk driv 85-13932  
 summary., Power 85-13635  
 summary for Alturas and East Shasta planni 85-13758  
 to train apprentices to lead inservice wor 85-12967  
 UROAD /, Transportation network analysis : 85-12475  
 ], [NASA-Texas planetary 85-13624  
 .. A World of technology for sharing :Ameri 85-13358  
 :biogeochemical processes in wetlands : rep 85-13592  
 , ECUT, energy conversion and utilization t 85-13457  
 , ECUT energy conversion and utilization te 85-13235  
 , Elliptical orbit performance computer 85-13338  
 .. Food service data feedback 85-13148  
 .. Improvements in the Social Security disa 85-12252  
 , LANDSAT 4 85-12641  
 , NASA-Ames summer high school apprenticesh 85-13366  
 , NEMAR plotting computer 85-13090  
 .. Occupational health and safety 85-13147  
 .. Pilot proficiency award 85-12481  
 .. Study of robotics systems applications to 85-13612  
 .. The Semi-Markov Unreliability Range Evalu 85-13295  
 -1984 : Naval nuclear propulsion 85-13126  
**Program Participation**., Fact sheet for the Survey 85-13785  
**programming** structural synthesis system (PROSS), A 85-12018  
**programmatic** decisions /, Recreational boating saf 85-13045  
 environmental impact statement relate 85-13622  
**Programmed** text :additional reports. 85-13704  
 text :flight controls, TH-55. 85-12310  
 text :gyrocompass failure. 85-12312  
 text :T-53-L-13 gas turbine engine. 85-12311  
**programming** structural synthesis system (PROSS), A 85-12313  
**programs** /, Developing childhood injury prevention 85-13043  
 /, List of plants operating under USDA po 85-12716  
 /, List of proprietary substances and non 85-11973  
 :a scientific exchange of rural youth pro 85-11855  
 administered in New York City, 1978-1981 85-11954  
 :an administrative guide for state matern 85-13002  
 and arson :analysis of programs administ 85-12716  
 and facilities., Summary of research 85-13002  
 and prospects ; U.S. fisheries export pr 85-12954  
 between the U.S.A. and the People's Repub 85-13851  
 for agriculture :background for 1985 farm 85-11954  
 for agriculture in southwest Georgia /, L 85-11873  
 for displaced federal employees ; Placem 85-11996  
 for employees of public schools and certa 85-13914  
 improvements of the Departments of Transp 85-13572  
 in BASIC, Coal-seismic, desktop computer 85-12622  
 in nuclear medicine facilities /, Recomm 85-12836  
 in the Colorado River basin /, 1984 evalu 85-12686  
 of Assistance Under Titles X and XX of th 85-12902  
 of the National Institute of Environmen 85-12591  
 :RADEO : Regional Emergency Animal Disea 85-12681  
 , Annual report to Congress. Indian and Al 85-12005  
 .. Department of Housing and Urban Develop 85-12725  
 -fiscal year 1985 ; Department of Energy 85-12725  
 .. Instructions for applying for federal a 85-13818  
 .. Satellite-tracking and earth dynamics re 85-12719  
 , 1933-84 :background for 1985 farm legis 85-13212  
 , 1984., Program review and evaluation rep 85-11874  
 , 1985-1986., Statistical training 85-11965  
**Progress** in evaluation of radionuclide geochemical 85-12019  
 on a generalized coordinates tensor produ 85-13734  
 report /, Service life of treated and unt 85-13182  
 report, March 1983-August 1983, Pilot int 85-11923  
 report no. 1 /, Use of microwave oven in 85-13355  
 report of the Center for Population Resea 85-12905  
 report on an analysis of wave interaction 85-12677  
 report 42-77, The Telecommunications and 85-13312  
 toward a negotiated solution of the Cypru 85-13267  
**Progressive** fracture of fiber composites 85-13680  
**project** /, Final report of the Haitian/English lan 85-13067  
 .. Great Plains coal gasification 85-12450  
 .. a program to train apprentices to lead in 85-13866  
 .. environmental assessment : Algonquin Gas 85-12475  
 hire. 85-12418  
 overview. 85-13560  
 3 design, fabrication and evaluation of an 85-12695  
 , Advanced gas turbine AGT technology 85-13400  
 , Flat-plate solar array 85-13389  
 , Integrated application of active controls 85-13347  
 , Satellite Emission Range Inferred Earth S 85-13138  
 , Space Processing Applications Rocket 85-13317  
 , The Embedded operating system 85-13035  
**projects** /, Progress in evaluation of radionuclide 85-13239  
 for improvement in nurse training :a list 85-13734  
 in media :guidelines and application inst 85-12717  
 office, 1983 /, Reservoir management revi 85-13470  
 :summary report /, Residential water cons 85-12900  
 .. Small watershed 85-12724  
**Promontorio Del Gargano** /, Mediterranean Sea, Adri 85-11858  
**promotion** programs and prospects ; U.S. fisheries 85-12191  
 seminar /, An instructor resource guide 85-13851  
**prone** areas in Florida, Use of thermal inertia det 85-12447  
**propagation** correction tables for 10.2 kHz :area 0 85-13369  
 correction tables for 10.2 kHz :area 0 85-12150  
 correction tables for 10.2 kHz :area 0 85-12151  
 correction tables for 10.2 kHz :area 0 85-12152  
 correction tables for 10.2 kHz :area 0 85-12153  
 correction tables for 10.2 kHz :area 0 85-12154  
 correction tables for 10.2 kHz :area 0 85-12155  
 correction tables for 10.2 kHz :area 0 85-12156  
 correction tables for 10.2 kHz :area 1 85-12157  
 correction tables for 10.2 kHz :area 1 85-12158  
 correction tables for 10.2 kHz :area 1 85-12159  
**propeller** designs, Application of an optimization 85-13072  
 in a wake /, Analysis of noise measured 85-13464  
**properties** for ordinary and partial differential e 85-13311  
 :I-ASTM jet A fuel and dry air /, Comb 85-13465  
 in a 10-year-old cottonwood plantation 85-11927  
 in turbine-powered business aircraft, S 85-13388  
 of a neutron-irradiated stainless steel 85-13739  
 of center/surround response functions i 85-13094  
 of graphite films, Effect of substrate 85-13047  
 of Martian surface material, Magnetic 85-13243  
 of polymeric and electrochemical materi 85-13438  
 of processed oil shales /, Leaching and 85-12480  
 of SiC and Si<sub>3</sub>N<sub>4</sub> 85-13146  
 of surface pressure fluctuations in str 85-13441  
 of the LANDSAT-4 multispectral scanner, 85-13376  
 of the outer code in a TDRSS decoder, P 85-13257  
 of T300/5208 graphite-epoxy, Temperat 85-13280  
 on refinery costs and yields, Computer 85-13392  
 with environmental control technology n 85-12507  
 , and processes for solar cell encapsula 85-13336  
 , and processes for solar cell encapsula 85-13341  
 , Martian surface 85-13223  
**property** /, Accidents of motor carriers of 85-13603  
 measurements by atomic fluorescence, Cont 85-13174  
 offered for sale by Defense Property Disp 85-12223  
 owned by the United States and used by ci 85-12554

- " storage field training workbook for qual 85-12237  
 " Sale of federal surplus personal 85-12555  
**proponent's** guide., The Safety belt 85-13636  
**proposal** for evaluating LANDSAT-4 MSS and TM data, 85-13422  
**proposals** for tax reform /, Social security taxati 85-11999  
**Proposed** designation of critical habitat for the H 85-12108  
 " land and resource management plan :Nantah 85-11949  
 " oil and, Summary report on the regional g 85-12837  
 " phylogeny of the genera of Brachycentrida 85-13546  
 " supplemental appropriations for fiscal ye 85-13674  
 " update #2 to national priorities list, Oc 85-12479  
 " wilderness program for the Phoenix Wilder 85-12729  
 " 1984 plan amendments to the California De 85-12964  
 " ), Medicine Bow National Forest and Thund 85-11948  
**Proposed John Day** resource management plan and fin 85-12728  
**proprietary** substances and nonfood compounds autho 85-11855  
**PROPSM**), Process research in polycrystalline silic 85-13340  
 " ), Process research on polycrystalline silic 85-13339  
**propulsion** analysis study, Space station 85-13073  
 " issues for advanced orbit transfer vehi 85-13049  
 " mechanic (AFSC 42653) /, Turboprop 85-12396  
 " mechanic (AFSC 42653) /, Turboprop 85-12397  
 " program—1984 ;, Naval nuclear 85-13785  
**propylene** glycol butyl ether and isooctyl esters o 85-12486  
**prospects** ;, U.S. fisheries export promotion progr 85-13851  
 " of the U.S. photovoltaics industry ;, Th 85-13926  
**prosperity** and the developing countries., US 85-13535  
**PROSS**), An implementation of the programming struc 85-13043  
**PROSSS**), An implementation of the distributed prog 85-13045  
**protect** yourself against crime., How to 85-12231  
 " yourself against sexual assault., How to 85-13000  
**protection** achieved by aerial sprays directed agai 85-11879  
 " for manned space activities, Radiation 85-13228  
 " in agricultural markets / 85-11995  
 " plan for Lower Rio Grande Valley Nation 85-12953  
 " A study of physical processes for spac 85-13213  
**Protection Act** of 1984 ;, Superfund Expansion and 85-13941  
**protocol** for extremity injuries /, An X-ray screen 85-12692  
 " message from the President of the United 85-13663  
**Provide** a National Policy Regarding Cable Televisi 85-12604  
 " for the Conservation and Management of Atl 85-12632  
 " for the Establishment of Centers for Resea 85-12605  
 " for the Establishment of the Russell Lakes 85-12609  
 " for the Establishment of the Task Force on 85-12587  
 " for the Restoration of the Fish and Wildli 85-12601  
 " for the Use and Distribution of Certain Fu 85-12626  
**Provide Retirement Equity** for Former Spouses of Ci 85-12634  
**Provide That** at Such Time as the Principal Visitor 85-12586  
**Provide That Any Osage** Headright or Restricted Rea 85-12612  
**providers** furnishing kidney dialysis and transplan 85-12718  
**Providing** for agreeing to the Senate amendment to 85-13683  
**province**, Arizona /, Map showing outcrops of grani 85-12753  
 " , Arizona /, Map showing outcrops of pre-q 85-12755  
 " , Arizona /, Map showing outcrops of pre-q 85-12756  
 " , Arizona /, Map showing outcrops of thick 85-12754  
 " , Arizona /, Maps showing distribution of 85-12752  
 " , Arizona /, Maps showing ground-water lev 85-12751  
 " , Arizona /, Maps showing ground-water uni 85-12750  
 " , Idaho /, Map showing outcrops of graniti 85-12767  
 " , Idaho /, Map showing outcrops of thick, 85-12768  
 " , Idaho /, Maps showing distribution of di 85-12766  
 " , Idaho /, Maps showing ground-water units 85-12765  
 " , Nevada /, Map showing outcrops of basalt 85-12776  
 " , Nevada /, Maps showing ground-water leve 85-12775  
 " , New Mexico /, Map showing outcrops of gr 85-12772  
 " , New Mexico /, Map showing outcrops of pr 85-12774  
 " , New Mexico /, Map showing outcrops of th 85-12773  
 " , New Mexico /, Maps showing distribution 85-12771  
 " , New Mexico /, Maps showing ground-water 85-12769  
 " , New Mexico /, Maps showing ground-water 85-12770  
 " , Northern California /, Maps showing grou 85-12757  
 " , Oregon /, Map showing outcrops of granit 85-12780  
 " , Oregon /, Maps showing distribution of d 85-12779  
 " , Oregon /, Maps showing ground-water leve 85-12778  
 " , Oregon /, Maps showing ground-water unit 85-12777  
 " , Southern California /, Map showing outcr 85-12762  
 " , Southern California /, Map showing outcr 85-12763  
 " , Southern California /, Map showing outcr 85-12764  
 " , southern California /, Maps showing dist 85-12761  
 " , Southern California /, Maps showing grou 85-12759  
 " , Southern California /, Maps showing grou 85-12760  
 " , Texas /, Maps showing distribution of di 85-12783  
 " , Texas /, Maps showing ground-water level 85-12782  
 " , Texas /, Maps showing ground-water units 85-12781  
 " , Utah /, Map showing outcrops of thick, d 85-12787  
 " , Utah /, Maps showing distribution of dis 85-12786  
 " , Utah /, Maps showing ground-water levels 85-12785  
 " , Utah /, Maps showing ground-water units 85-12784  
**proving** for fault-tolerant computers, Investigatio 85-13150  
**provisions** applicable to contracts covering federa 85-13016  
 " of the Deficit Reduction Act of 1984 ;, 85-13935  
**proximity** sensor with microcomputer control, In-si 85-13058  
**PSAs** :user's guide., Pretesting television 85-12664  
**psi**, Ingersoll-Rand, Direct support and general su 85-12258  
**psychiatric** beds, United States and each state, 19 85-12712  
**pt.)**, and 401.76-401.80., Summary of trade and tar 85-12973  
 " ), 402.40-404.12., Summary of trade and tariff 85-12972  
**Public** affairs information package, Spanish versio 85-12642  
 " bills and resolutions favorably reported by 85-13884  
 " education in home equity conversion for a r 85-12721  
 " information program strategies and planning 85-13635  
 " lands for military purposes ;, Withdraw and 85-13821  
 " lands, interior. 85-12564  
 " lands, interior., Code of Federal regulatio 85-12564  
 " lands, interior, CFR. 43, 85-12564  
 " lands, Seneca County, Ohio., Conveyance of 85-12621  
 " policy /, The contact lens industry struct 85-13754  
 " relations costs charged to DOD contracts : 85-13874  
 " release., Catalog of audiovisual production 85-12134  
 " schools and certain tax-exempt organization 85-13572  
 " service in higher education :practices and 85-12460  
 " use data tape documentation :multiple cause 85-12688  
 " welfare 85-12565  
 " welfare., Code of federal regulations. 45, 85-12565  
 " welfare, CFR. 45, 85-12565  
**Public Health Service** commissioned officers orient 85-12648  
 " nurses., Who cares enough : 85-12646  
**Public Health Service Act** to Revise and Extend the 85-12589  
 " , An Act to Revise and E 85-12591  
**Public Health Service Act** Relating to Health Promo 85-12605  
**Public Law** 480., Food for peace, annual report on 85-11878  
 " 480, Annual report on 85-11878  
 " 480, Annual report on activities carrie 85-11878  
 " 88-246 /, What changes are most needed 85-13660  
 " 97-377., Review of United States strate 85-13673  
 " 97-459), Joint Resolution to Make Tech 85-12630  
**Public Works**, United States Senate, together with 85-13671  
**Public Works Improvement Act** of 1984. 85-12582  
**publications** /, Farmer cooperative 85-12010  
 " /, List of 85-11934  
 " /, List of 85-13757  
 " list /, NIH 85-12652  
 " list, N.I.H. 85-12652  
 " (LOAP) for Lance Field Artillery Miss 85-12259  
 " of the Exobiology Program for 1983 :a 85-13128

- " of the Jet Propulsion Laboratory, 198 85-13251  
 " of the National Institute of Justice, 85-13004  
 " , A selection of 1984 Internal Revenue 85-13580  
 " , Abstracts of A.R.I. research 85-12314  
 " , Abstracts of ARI research 85-12314  
 " , National Bureau of Standards specia 85-12550  
 " , 1981 /, Annotated bibliography of th 85-12408  
 published ordinances, firearms, State laws and 85-13583  
 " soil surveys, List of 85-11961  
 Pueblo, Colorado /, Water-resources appraisal of t 85-12749  
 Puerto Cabello /, South America, Panama-Columbia a 85-12168  
 Puerto Rico /, Wood shipments to 85-11911  
 " , as the "Clemente Ruiz Nazario United 85-12619  
 pulp and paper machinery bookbinding machinery : T 85-12977  
 Pulpwood production in the north central region by 85-11930  
 pumping on water levels and on water quality in th 85-12738  
 " plant test procedure manual /, Technical i 85-12420  
 pumps and vacuum pumps, and air-conditioning and r 85-12979  
 " , and air-conditioning and refrigeration mach 85-12979  
 Punta Caronia /, Mediterranean Sea, Italy-west coa 85-12189  
 Punta Guiones /, West coast, Nicaragua-Costa Rica, 85-12163  
 Punta Mala /, Central America, Pacific Coast, Cabo 85-12162  
 purification, distribution and sewage disposal for 85-13485  
 purposes : Withdraw and reserve certain public la 85-13821  
 " of the Toledo Bend, An Act to Direct the 85-12610  
 pursuant to clause 1(d) of rule XI of the rules of 85-13691  
 " to Public Law 88-246 /, What changes are 85-13660  
 " to sections 1013(a) and, Deferrals : messa 85-13675  
 " to subsection 7 of Title V, Public Law 97 85-13673  
 pursuit of wild geese : teaching creative thinking 85-13544  
 Pusan (Hang), including Tsushima (Japan) /, Asia, S 85-12214  
 Pushbroom Microwave Radiometer (PBM), Thermoe- 85-13098  
 lect 85-13098  
 put rate transceiver, Design considerations for a 85-13265  
 pylon /, Ground vibration test of F-16 airplane wi 85-13125  
 pyrometer for shock-temperature measurements, A se 85-13274  
 Pyrotechnic shock 85-13037  
 pyrotechnics and candles; and smokers' articles : 85-12980

## Q

- QPSK/QASK, high-through put rate transceiver, Desi 85-13265  
 quadrangle, Engineering—geologic maps of northern 85-12809  
 " , Harney County, Oregon, Geologic map of 85-12810  
 " , Harney County, Oregon, Geologic map of 85-12811  
 " , Millard and Beaver counties, Utah /, G 85-12893  
 " , Millard and Beaver counties, Utah /, G 85-12894  
 " , Moffat County, Colorado, Geologic map 85-12817  
 " , New Mexico-Arizona, Mineral resource p 85-12839  
 " , Tooele, Juab, Utah, and Millard Counti 85-12841  
 " , Utah /, Map showing selected surface-w 85-12889  
 " , Utah /, Map showing selected surface-w 85-12890  
 " , Utah /, Map showing selected surface-w 85-12891  
 " , Utah /, Map showing selected surface-w 85-12892  
 quadratic regulators with nonlinearities /, Region 85-13461  
 qualification section 4, weapons control., Personn 85-12351  
 " section 5, electrical., Personnel qua 85-12348  
 " section 5 electrical., Personnel qua 85-12356  
 " section 6, utility, environmental, s 85-12349  
 " section 9, auxiliary., Personnel qua 85-12354  
 " standard for BB-61 class engineering 85-12354  
 " standard for C-2A aircraft :qualific 85-12348  
 " standard for C-2A aircraft :qualific 85-12349  
 " standard for FF-1052 class command a 85-12351  
 " standard for H-1 helicopter qualific 85-12356  
 " standard for MK-37 gunfire control s 85-12355  
 " standard for MK 68 gunfire control s 85-12352  
 " standard for ships' maintenance and 85-12350

- " standard for surface electronic warf 85-12353  
 " test software acceptance procedures, 85-13166  
 " test, user's manual, PDSS/IMC 85-13165  
 " testing of solar photovoltaic powere 85-13155  
 qualifications and training :TSORT—an automated te 85-13728  
 quality analysis for the combined hydrocarbon EIS, 85-12730  
 " assurance., Department of Defense personal 85-12237  
 " assurance handbook for air pollution measu 85-12483  
 " assurance programs in nuclear medicine fac 85-12686  
 " assurance user's guide /, Soil sampling 85-12501  
 " at St. Albans Bay, Vermont /, Recreation b 85-11988  
 " GaAs in space, Crystal growth of device 85-13208  
 " GaAs in space, Crystal growth of device 85-13337  
 " in Nebraska /, Appraisal of data for groun 85-12742  
 " in the Santa Barbara Ground-water basin /, 85-12738  
 " of Agricultural Research Service watershed 85-11970  
 " of ground water in agricultural areas of t 85-12788  
 " of streamflow in the southeastern Uinta Ba 85-12740  
 " practices in the Southeast /, Use and cost 85-11984  
 Quantity and quality of streamflow in the southeas 85-12740  
 quarter scale aft segment of the SRB filament woun 85-13168  
 " , CY 1984., Equipment improvement report a 85-12290  
 " , CY 1984., Equipment improvement report a 85-12291  
 " , CY 1984., Equipment improvement report an 85-12289  
 " , CY 1984., Equipment improvement report an 85-12294  
 quarterly federal tax return., Magnetic tape repor 85-13581  
 " report, Landsat 4 investigations of them 85-13370  
 " report on "spectroradiometric calibrati 85-13383  
 " report on "Spectroradiometric calibrati 85-13437  
 quasi-isotropic laminates under loads simulating l 85-13097  
 quasi-3D inviscid flow and boundary layer analysis 85-13055  
 quasistatic and random accelerations, An investiga 85-13038  
 quaternary and tertiary age, basin and range provi 85-12764  
 " and tertiary age, basin and range provi 85-12776  
 " faults in Lincoln and Uinta Counties, W 85-12812  
 question :communication from the President of the 85-13680  
 questions veterans ask about joining the Army Nati 85-12230  
 quotas on textiles :the welfare effects of United 85-12531

## R

- R & D funds., Academic science/engineering. 85-13474  
 R. D. Bailey outlet works, Guyandot River, West Vi 85-12320  
 R.E. Ginna Nuclear Power Plant, docket no. 50-244 85-13710  
 R-value measurement /, Toward in-situ building 85-12322  
 Ra's AlUwayja' to Ra's Tawinis /, Mediterranean Se 85-12193  
 " 's Tawinis /, Mediterranean Sea, Libya-Gulf of S 85-12193  
 Raas Cabaad., Indian Ocean, Africa-East Coast, Som 85-12196  
 Raas Garmaal to g. Raas Cabaad., Indian Ocean, Afr 85-12196  
 Racking performance of light-frame walls sheathed 85-11892  
 radar and the NASA/JPL L- and C-band scatterometer 85-13232  
 " back-scattering from the ionosphere, Speed-d 85-13204  
 " controller :soldier's manual : skill level l 85-12270  
 " data smoothing filter study 85-13161  
 " navigation system, Investigation of image en 85-13151  
 " set AN/MPQ-51 (XO-1) (Improved Hawk Air 85-12260  
 " signatures, RF radiation, and electric field 85-13084  
 radial turbine, Application of a quasi-3D inviscid 85-13055  
 radiantly heated fluidized bed for the production 85-13343  
 Radiation cancer liability : 85-13906  
 " effects on graphite-epoxy composite mate 85-13088  
 " from the flight inlet, Spinning mode aco 85-13190  
 " protection, A study of physical processe 85-13213  
 " protection for manned space activities 85-13228  
 " testing for single event upset (SEU), A 85-13319  
 " , and electric field changes from lightni 85-13084

- radiations, Local effects of partly-cloudy skies o 85-13218  
radiative transfer model for remote sensing of las 85-13353  
Radio and television broadcasting specialist (AFSC 85-12405  
" frequencies, Directory of field contacts fo 85-12125  
" frequency management :revisions for Septembe 85-12114  
" frequency plug-in, Weinschel Engineering Com 85-12262  
" sets AN/GRC-144 and AN/GRC-143., Diagram 85-12315  
" boo 85-13273  
" telemetry, Application of surface acoustic w 85-12117  
" waves in satellite communications /, Polariz 85-13469  
" /television., Media arts, film/ 85-13469  
" , television, Media arts, film, 85-13663  
Radio Regulations (Geneva, 1979) and a final proto 85-13663  
" , 1979) of the Internatio 85-13703  
radioactive materials packages., Directory of cert 85-13637  
" materials packages :a guide for superv 85-12250  
" waste in accordance with US Army guide 85-13736  
" wastes and waste packages of the Gener 85-13704  
" wastes resulting from March 28, 1979 a 85-12792  
radioactive-waste disposal site near Sheffield, Il 85-13386  
radiometric and geometric characteristics of LANDS 85-13242  
" and spectral thematic mapper performan 85-13420  
" and spectral thematic mapper performan 85-12806  
" anomalies in Alaska, Summary of 85-13382  
" calibration of the thematic mapper, In 85-13376  
" properties of the LANDSAT-4 multispect 85-13734  
radionuclide geochemical information developed by 85-12524  
radionuclides., Background information document : ( 85-12668  
radiotherapy /, Selected abstracts on neutrons and 85-13726  
radium-226 :recommended procedures and equipment / 85-13625  
railcar reliability and maintainability /, Cost sa 85-13590  
Railroad/highway accident report :collision of Am 85-12995  
Raising the stakes in carnival fraud / 85-12493  
Raman spectroscopy /, In situ analysis of corrosiv 85-13755  
R&D :critical trends and issues : summary., Inform 85-13922  
" program following the accident at Three Mile I 85-12793  
Randolph County, Illinois /, Hydrology of a surfac 85-13038  
random accelerations, An investigation into the pr 85-13285  
range coherence in free electron lasers", "Long 85-12753  
" province, Arizona /, Map showing outcrops of 85-12754  
" province, Arizona /, Map showing outcrops of 85-12755  
" province, Arizona /, Map showing outcrops of 85-12756  
" province, Arizona /, Map showing outcrops of 85-12752  
" province, Arizona /, Maps showing distributi 85-12750  
" province, Arizona /, Maps showing ground-wat 85-12751  
" province, Idaho /, Map showing outcrops of g 85-12767  
" province, Idaho /, Map showing outcrops of t 85-12768  
" province, Idaho /, Maps showing distribution 85-12766  
" province, Idaho /, Maps showing ground-water 85-12765  
" province, Nevada /, Map showing outcrops of 85-12776  
" province, Nevada /, Maps showing ground-wate 85-12775  
" province, New Mexico /, Map showing outcrops 85-12772  
" province, New Mexico /, Map showing outcrops 85-12773  
" province, New Mexico /, Map showing outcrops 85-12774  
" province, New Mexico /, Maps showing distrib 85-12771  
" province, New Mexico /, Maps showing ground- 85-12769  
" province, New Mexico /, Maps showing ground- 85-12770  
" province, Northern California /, Maps showin 85-12757  
" province, northern California /, Maps showin 85-12758  
" province, Oregon /, Map showing outcrops of 85-12780  
" province, Oregon /, Maps showing distributio 85-12779  
" province, Oregon /, Maps showing ground-wate 85-12777  
" province, Oregon /, Maps showing ground-wate 85-12778  
" province, Southern California /, Map showing 85-12762  
" province, Southern California /, Map showing 85-12763  
" province, Southern California /, Map showing 85-12764  
" province, Southern California /, Maps showin 85-12759  
" province, Southern California /, Maps showin 85-12760  
" province, southern California /, Maps showin 85-12761  
" province, Texas /, Maps showing distribution 85-12783  
" province, Texas /, Maps showing ground-water 85-12781  
" province, Texas /, Maps showing ground-water 85-12782  
" province, Utah /, Map showing outcrops of th 85-12787  
" province, Utah /, Maps showing distribution 85-12786  
" province, Utah /, Maps showing ground-water 85-12784  
" province, Utah /, Maps showing ground-water 85-12785  
" version of strainrange partitioning /, Relia 85-13404  
" , Manufacture of DPFC-DMS polymer in the 85-13455  
SKG 85-12967  
Rangeland program summary for Alturas and East Sha 85-12347  
Ranger handbook. 85-13434  
ranging station, The construction of a highly tran 85-13201  
rapid solidification technology, Advanced powder m 85-13427  
Rat body size, composition and growth at hypo- and 85-13278  
rate calculations for the outer channel in a conca 85-11899  
" of value change in Pennsylvania timber stands 85-12324  
" on stationary structures under marine conditi 85-13265  
" transceiver, Design considerations for a mono 85-12602  
Rates of Disability Compensation for Disabled Vete 85-12602  
" of Subsistence and, An Act to Amend Title 38 85-13875  
Ratification of reorganization plans : 85-12599  
Ratifying All Reorganization Plans as a Matter of 85-13425  
ratio and blockage effects on confined turbulent f 85-13081  
" involute spur gears, Efficiency of nonstanda 85-12266  
ration for the armed forces, Standard "B" 85-13466  
Rational-spline approximation with automatic tensi 85-13288  
ratios, Composite laminates with negative through- 85-12486  
rats of the propylene glycol butyl ether and isoc 85-12181  
Raudinupur /, Iceland-north coast, Horn to 85-13451  
rawinsonde data, Kinematic analysis of Hurricane F 85-13497  
re headed., The Proceedings of the Thirteenth Annu 85-12092  
" Patent and Trademark Office practices and proce 85-13649  
reaches out to veterans in business :could you use 85-13391  
reacting turbulent mixing layers, Direct simulatio 85-13735  
reactor containment penetrations /, Characterizati 85-12005  
READEO : Regional Emergency Animal Disease Era- 85-12345  
dica., Emergency programs : 85-12468  
reading skills /, Improving your navy 85-12456  
" skills among limited English-speaking stud 85-12243  
" , Heuristic methods for the mildly handica 85-12360  
readings for instructor's guide for applied leader 85-12526  
ready reserve opportunities, Navy Civil Engineer 85-12671  
" to serve the nation :National Defense Execut 85-13361  
reagents :a program of the National Institute of A 85-12554  
Real jet effects on dual jets in a crossflow 85-13214  
" property owned by the United States and used 85-12600  
real-time calculations, Climb-dash 85-13488  
Reappointment of A. Leon Higginbotham, Junior, as 85-13405  
reasonable accommodation., Handbook of job analysis 85-13185  
reasoning to determine stream network from LANDSAT 85-13905  
" , An Interval logic for higher-level temp 85-13904  
Reauthorization of the Adolescent Family Life Demo 85-13902  
" of the Library Services and Constr 85-12267  
" of the National Science Foundation 85-12268  
receipt catalog covering content of sets, kits, a 85-13947  
" catalog covering content of sets, kits, an 85-13448  
received by the CBO Library /, Periodicals 85-13320  
receiver, Processor-controlled timing module for L 85-13054  
receivers, Second-law efficiency of solar-thermal 85-13859  
" , Test results for 27.5-to 30-GHz communi 85-12092  
Recent developments in UNESCO and their implicatio 85-12167  
" Official gazette notices, re Patent and Tra 85-13610  
Recife to Belmonte /, Brazil-east coast, 85-13431  
reciprocating engines., Installation of fuel flowm 85-11966  
recirculating flow predictions, Confined turbulent  
Reclamation /, Production of surplus crops on irri

## Reclamation Project Authorization Act

Reclamation Project Authorization Act of 1972 in O 85-12609  
 recodification of maritime liability laws /, Secti 85-13907  
 recognition for space applications center director 85-13039  
 recommendations for American agricultural research 85-11848  
 " for oil shale development /, Groun 85-12500  
 " for quality assurance programs in 85-12686  
 " to the President of the United Sta 85-13494  
 recommended procedures and equipment /, Borehole l 85-13726  
 Reconnaissance geologic map of the La Purisima-Pas 85-12828  
 " of the Kolob, Alton, and Kaiparowit 85-12826  
 record research, 1984 selected papers given at th 85-13565  
 recording, and processing of meteorological data n 85-12497  
 recordings in the Archive of Folk Culture., Washin 85-13018  
 " in the National Archives., Motion pictu 85-12556  
 recordkeeping systems needed to accurately account 85-12534  
 records, Gas hydrates on continental margins of th 85-12820  
 " , malfunction investigations, and activity 85-12369  
 recoverable oil and gas resources of the United St 85-12837  
 recovery : Medical care cost 85-13889  
 " from insect-killed lodgepole pine in the 85-11902  
 " of winds near upwind and downwind from th 85-13143  
 Recreation benefits from an improvement in water q 85-11988  
 " manager's guide to understanding river 85-11945  
 Recreational boating safety analysis for program 85-13622  
 " fishery statistics survey, Pacific co 85-12106  
 " fishery statistics survey, Pacific co 85-12107  
 " waters /, Health effects criteria for 85-12484  
 recurs : meeting the challenge again., When cancer 85-12662  
 recycled portland cement concrete pavement /, Cons 85-13598  
 red pine financial returns in the Lake States /, A 85-11897  
 " pine tree planting operation : a time study /, 85-11917  
 Red Mountains quadrangle, Harney County, Oregon, G 85-12810  
 Rededication to the cause of human rights : Decembe 85-13519  
 Redesignate the Veterans' Administration Medical C 85-12618  
 Redesignating Saint Croix National Monument, Maine 85-13664  
 redevelopment : Maritime 85-13909  
 reduce U.S. import vulnerability., Strategic mater 85-13756  
 Reduce Structural Unemployment, Increase Productiv 85-12596  
 reduced sulfur emissions : summary of comments and 85-12522  
 reduced-order models and reduced-order observers, 85-13241  
 " observers, Design of multivariable f 85-13241  
 reducing oceanic separation minima through the use 85-13184  
 reduction /, Combustion modification tests on a su 85-12508  
 " and geometric correction accuracy, LANDS 85-13374  
 " in refinery process heaters /, Evaluatio 85-12510  
 " of Pb-U-Th isotope data, for use with HP 85-12829  
 " (PADRE) system reference manual /, Parti 85-12517  
 " techniques for large-rotation, nonlinear 85-13462  
 reductions : GAO analysis of the 1981 AFDC 85-13944  
 Reed Solomon codes", "Fast decoding techniques f 85-13281  
 " codes for error control in byte organ 85-13359  
 reentry heating, Thermal response of space shuttle 85-13106  
 reference for U.S. ports /, Port risk management g 85-13642  
 " instructions, terms & conditions applic 85-12223  
 " manual /, Particulate data reduction (PA 85-12517  
 " part two, leadership development : ins 85-12244  
 " sources, 85-12047  
 " text /, Common sense electrical safety : 85-12906  
 references/instructions/tables and grids., Defense 85-12224  
 " /instructions/tables and grids, DIDS pro 85-12224  
 " /instructions/tables and grids, Multiple 85-12224  
 refinery costs and yields, Computer analysis of ef 85-13392  
 " process heaters /, Evaluation of natural- 85-12510  
 refining, lubricating oils and greases (industries 85-12029  
 reflectance model, An analysis of spectral discrim 85-13372  
 Reflections on East-West Relations : November 27, 1 85-13517  
 " on RF interferometer position location 85-13413  
 reflector, Secondary pattern computation of an arb 85-13089  
 reflectors on marine seismic records, Gas hydrates 85-12820

## Title Keyword Index

reforestation of marginal croplands : Potential o 85-13780  
 reform /, Social security taxation : impacts on far 85-11999  
 " : Phantom tax 85-13826  
 " : where we are and where we're headed., The 85-13497  
 " and agricultural guestworkers : Hearings o 85-13813  
 " contracts of the Department of Defense, bef 85-13784  
 " in three states /, Determinate sentencing a 85-13003  
 " options : Major tax 85-13838  
 refresher clinics., Nationally scheduled Federal A 85-13611  
 refrigeration machines : TSUS items 661.05-661.22, 85-12979  
 refrigerator for space applications, Design consid 85-13112  
 " freezers for medical use in remote ge 85-13155  
 refrigerators/freezers for medical use in remote g 85-13159  
 refund on certain exports., Drawback : a duty 85-13556  
 region by county., Pulpwood production in the nort 85-11930  
 " of liquid fuel sprays, Combustion character 85-13430  
 " , A compilation of mineral occurrences and t 85-13411  
 regional application of technology /, Automated fi 85-12994  
 " barge fleet assessment, plan, and hand 85-13640  
 " barge fleet assessment, plan, and hand 85-13641  
 " electric power : 85-13830  
 " geology, petroleum potential, environment 85-12837  
 " magnetic anomalies, The magnetic petrolog 85-13439  
 regions in the Soviet Union., Permafrost 85-13514  
 " of attraction and ultimate boundedness for 85-13461  
 " Part C, Financial characteristics of the 85-12045  
 Register of disability determination services disa 85-12640  
 regulation acts at Miami International Airport : 85-13854  
 " and station ownership : Broadcast 85-13832  
 " in a free entry market : a case study of 85-13587  
 " , Excerpt, (general information) from ( 85-13584  
 regulations and procedures for federal radio frequ 85-12114  
 " : enforcement procedures, part 190 : na 85-13638  
 " : enforcement procedures, part 190 : na 85-13639  
 " governing settlement of highway constr 85-13597  
 " system., Code of federal regulations. 85-12568  
 " system, CFR. 48, Federal acquisition 85-12568  
 " system, Federal acquisition 85-12568  
 " , part 5 : labor standards provisions ap 85-13016  
 " . Part 39, Airworthiness directives., F 85-13613  
 " . Part 39, Airworthiness directives., F 85-13614  
 " . 4, Accounts., Code of federal 85-12558  
 " . 7, Agriculture., Code of federal 85-12559  
 " . 10, Energy., Code of federal 85-12560  
 " . 14, Aeronautics and space., Code of f 85-12561  
 " . 14, Aeronautics and space., Code of f 85-12562  
 " . 16, Commercial practices., Code of Fe 85-12563  
 " . 43, Public lands, interior., Code of 85-12564  
 " . 45, Public welfare., Code of federal 85-12565  
 " . 46, Shipping., Code of federal 85-12566  
 " . 47, Telecommunications., Code of fede 85-12567  
 " . 48, Federal acquisition regulations s 85-12568  
 " . 49, Transportation., Code of federal 85-12569  
 " . 49, Transportation., Code of federal 85-12570  
 " . 50, Wildlife and fisheries., Code of 85-12571  
 " . 50, Wildlife and fisheries., Code of 85-12572  
 regulator test sets (general), Calibration proc 85-12276  
 regulators for terrestrial photovoltaic systems, L 85-13050  
 " with nonlinearities /, Regions of attra 85-13461  
 " , Input filter compensation for switchin 85-13263  
 rehabilitation in employment training /, Vocationa 85-12437  
 " programs and arson : analysis of pro 85-13002  
 Reimbursements for Old Age Assistance Received by 85-12581  
 related administrative record research, 1984 : sele 85-13565  
 " agencies appropriations for fiscal year 19 85-13776  
 " agencies appropriations for fiscal year 19 85-13777  
 " agencies appropriations for 1985 : Depart 85-13778  
 " bioregulation research programs, 1984., Pr 85-11965

- " devices, Millimeter wave transmission syst 85-13245  
 " disorders., Arthritis, rheumatic diseases, 85-12672  
 " items : TSUS items 408.12, 408.48, 413.50, 85-12976  
 " species (Amphibia: Anura, Leptodactylidae) 85-13547  
 " to academy training success /, Studies of 85-13618  
 " to decontamination and disposal of radioac 85-13704  
 " to neoplasia /, Selected abstracts on inte 85-12667  
 " to the full-term operating license for R.E 85-13710  
 " to the operation of Beaver Valley Power St 85-13715  
 " to the operation of Callaway Plant, Unit n 85-13708  
 " to the operation of Catawba Nuclear Statio 85-13711  
 " to the operation of Comanche Peak Steam El 85-13706  
 " to the operation of Enrico Fermi Atomic Po 85-13707  
 " to the operation of Millstone Nuclear Powe 85-13714  
 " to the operation of Waterford Steam Electr 85-13705  
 " to the technology of space energy conversi 85-13260  
**Related Agencies for the Fiscal Year Ending Septem** 85-12636  
**relating** to the implementation of Federal motor ve 85-13629  
 " to the music of Morocco., A Brief list of 85-13017  
 " to the National Labor Relations Act., Cou 85-13028  
**relation** to bird roosts : a review /, Histoplasmosi 85-12952  
 " to nuclear power plant operation, A resea 85-13249  
**relations** and employee health and safety at the Ge 85-13815  
 " costs charged to DOD contracts : hearing 85-13874  
 " of the United States /, Foreign 85-13515  
 " of the United States., International cop 85-13020  
**relationship** of occurrences to structural elements 85-13411  
**relative** enthalpies of CuBr /, High-temperature 85-12907  
**relaxation** factor and its application to an intern 85-13068  
**release** engagement mechanism (REM) stress and frac 85-13354  
 " , Catalog of audiovisual productions :DoD 85-12134  
**releases** /, Index of 85-13543  
 " by the STS-3 orbiter on the ionosphere, Ef 85-13171  
**Releasing** young hardwood crop trees : use of a chai 85-11901  
**relevant** reports from the Secretary General of the 85-13680  
 " to Unresolved Safety Issue A-1 /, Evaluat 85-13709  
**reliability** and maintainability /, Cost savings po 85-13625  
 " considerations for the total strain ra 85-13404  
 " evaluation program : analysis of the Ca 85-13729  
 " issues in active control of large flex 85-13417  
 " models, An approximation formula for a 85-13196  
 " requirements : final report, The implem 85-13444  
**relief** for U.S. nonrubber footwear industry ;, Imp 85-13845  
 " of Joseph Karel Hasek., Veto of H.R. 1362 : 85-13679  
 " valve loads /, Water hammer, flow induced v 85-13740  
**REM** stress and fracture analysis, Spartan release 85-13354  
**Remain** ...., An Act to Extend Through September 30 85-12578  
**remnants** and other non-equilibrium astrophysical p 85-13428  
**remote** geographic locations, Qualification testing 85-13155  
 " geographic locations, Solar photovoltaic po 85-13159  
 " measurements of ozone, water vapor and liqu 85-13231  
 " sensing data, Investigation of forestry res 85-13419  
 " sensing, Lead salt diode lasers and develop 85-13356  
 " sensing of laser induced fluorescence of ph 85-13353  
 " sensing of snow, Microwave 85-13373  
 " terminal system 85-12228  
 " terminal system., Defense Integrated Data S 85-12228  
 " terminal system, D.I.D.S. procedures manual 85-12228  
 " terminal system, DIDS procedures manual. Vo 85-12228  
**remotos** a problemas hidrologicos e inundaciones, A 85-13364  
**removal** from diesel exhaust /, Studies of particu 85-12503  
 " of giardia lamblia cysts by drinking water 85-12487  
**Renewable Energy Development Act of 1983 :report** ( 85-13670  
**reorganization** plans ;, Ratification of 85-13875  
**Reorganization Act Amendments** of 1984, 85-12633  
**repair** facilities /, Report on survey of U.S. ship 85-13644  
 " parts and special tools list for radio freq 85-12262  
 " parts and special tools list for selected i 85-12261  
 " parts and special tools lists :compressor, 85-12258  
 " parts and special tools lists :drier-mixer, 85-12255  
 " parts and special tools lists (including de 85-12258  
 " parts and special tools lists :roller, moto 85-12256  
 " parts and special tools lists :roller, moto 85-12257  
 " parts and special tools lists) together wit 85-12263  
 " parts instructions (SOMARPI) for spreader, 85-12263  
 " to hydraulic equipment., Welding 85-12904  
**repairer**, MOS 68J :skill levels 1/2 : soldier's ma 85-12271  
 " , skill level 1 /, MOS 45B small arms 85-12332  
**repairman** (AFSC 42153) /, Aerospace ground equipme 85-12395  
**Replacement** for the Authorized Mishak National Wil 85-12609  
**reply** mail., Preparing business and courtesy 85-13478  
**reported** by the Committee in the ... Congress show 85-13884  
 " deferral of budget authority, pursuant to 85-13675  
 " in 1983 /, Research on mathematics educat 85-12472  
**reporting** and bearing math modeling, Bearing teste 85-13175  
 " for Form 941, Employers quarterly federa 85-13581  
 " :operations., Joint airdrop inspection r 85-12369  
**reports** : a catalog /, Popular names of U.S. Govern 85-13022  
 " and statistics 85-12227  
 " and statistics., Defense Integrated Data S 85-12227  
 " and statistics, D.I.D.S. procedures manual 85-12227  
 " and statistics, DIDS procedures manual. Vo 85-12227  
 " available fom NTIS., NCHSR 85-12693  
 " from the Secretary General of the United N 85-13680  
 " of planetary geology program - 1983 85-13121  
 " on human rights practices ;, Country 85-13864  
 " on private and public bills and resolution 85-13884  
 " M-32D, Clay construction products /, Curr 85-12036  
 " MA-24T, Lumber production and mill stocks 85-12037  
 " MA-28A, Inorganic chemicals /, Current in 85-12038  
 " MA-28C, Industrial gases /, Current indus 85-12039  
 " MA-33B, Steel mill products /, Current in 85-12040  
 " Maritime Subsidy Board, Maritime Administ 85-12094  
 " , Programmed text :additional 85-12310  
 " Series H-150, Annual housing survey, Unit 85-12045  
 " , United States 85-12539  
 " , 1984 :Cabezon WSA, Empedrado WSA, Ignacio 85-12968  
**repository** site projects /, Progress in evaluation 85-13734  
**representation** of tornadic double vortex thunderst 85-13164  
**Representatives** /, Better monitoring and recordkee 85-12534  
 " ;, S. 2489, the Small Business Com 85-13933  
 " during the ... Congress pursuant t 85-13691  
 " , Activities report of the Committ 85-13688  
 " , investigation no. 332-179, under 85-12981  
 " , Legislative and review activitie 85-13691  
 " , Ninety-eighth Congress, second se 85-13874  
 " , Ninety-eighth Congress, second se 85-13936  
 " , The United States and China :com 85-13678  
**Representatives Page Board** /, Final report to the 85-13934  
**reprints** /, Collected 85-12109  
**reptiles**., Mammals and 85-12541  
**Republic** of China ;, Controls on exports to the Pe 85-13850  
 " of China., Management and organizational 85-11954  
 " of China :determination of the Commission 85-12983  
 " of Korea., Preprint from the ... Bureau o 85-12928  
 " of Korea, Mineral industry of the 85-12928  
**request** for appropriations for the fiscal year 198 85-13674  
 " , Congressional budget 85-12416  
**requirements** ; and USDA's five-point program of insp 85-13770  
**requirement**, Satellite data transmission (SDT) 85-13410  
**requirements** and systems analysis study extension, 85-13253  
 " document #NG-13, NIMBUS observation p 85-13087  
 " :final report, The implementation and 85-13444  
 " for a transformerless power condition 85-13330  
 " for photovoltaic modules and arrays, 85-13335  
 " for weighing and measuring devices /, 85-12086  
 " of flight /, Student workbook :human 85-12380

# requirements

# Title Keyword Index

requiring Unconventional missile concepts from 85-13101  
 research the assignment of breakout procurement c 85-13933  
 /, Inventory of agricultural 85-12002  
 /, Inventory of agricultural 85-12003  
 ; Report to the Congress on ocean pollut 85-12100  
 ; Status of U.S. marine 85-13908  
 accomplishments. 85-11946  
 accomplishments report 85-11946  
 advances 85-12674  
 advances, NIADDK 85-12672  
 advances, NIADDK 85-12673  
 advances, NIADDK 85-12675  
 advances, NIADDK 85-12676  
 advances, NIAMDD 85-12672  
 advances, NIAMDD 85-12675  
 advances, NIAMDD 85-12676  
 and Demonstrations Concerning Health Prom 85-12605  
 and development :a cooperative approach a 85-13761  
 and development programs—fiscal year 1985 85-13818  
 and its impact on the nation's health and 85-13781  
 and training programs of the National Ins 85-12681  
 at the Institute for Computer Application 85-13187  
 at the NASA Goddard/Wallops Flight Facili 85-13083  
 credits, Jobs and 85-13577  
 for tomorrow's forests 85-11946  
 in effective teaching of writing :phase I 85-12453  
 in polycrystalline silicon material (PROP 85-13340  
 in solar physics 85-13173  
 in space /, Microgravity :a new tool for 85-13132  
 in space physics at the University of Iow 85-13442  
 in the Southeast ;, Forest 85-11891  
 in undergraduate institutions. 85-13472  
 infrastructure at U.S. universities and c 85-13919  
 institute interest in the U.S. Department 85-13259  
 institutions :a look at government labora 85-13135  
 involving eye-movement contingent stimuli 85-12452  
 knowledge in teacher education and teachi 85-12473  
 model in Langley 4- by 7-meter tunnel, Pr 85-13042  
 of non-CZ silicon material, Process 85-13344  
 on effective teaching to preservice/inser 85-12466  
 on mathematics education reported in 1983 85-12472  
 on polycrystalline silicon material (PROP 85-13339  
 on the use of space resources 85-13236  
 opportunities in muscle atrophy 85-13446  
 plan /, Operating 85-12414  
 program in determination of heavy metals 85-13249  
 program, NASA-Ames summer high school app 85-13090  
 program:biogeochemical processes in wetla 85-13457  
 programs and facilities., Summary of 85-12954  
 programs, Satellite-tracking and earth dy 85-13212  
 programs, 1984., Program review and eval 85-11965  
 publications., Abstracts of ARI 85-12314  
 publications, Abstracts of A.R.I. 85-12314  
 related to the technology of space energy 85-13260  
 report /, Mathematics learning styles of 85-12445  
 report and manual for teaching language a 85-12456  
 report:bone marrow transplantation. 85-12665  
 studies., Catalog of completed 85-13539  
 to teacher education :the University of U 85-12467  
 , and long-term forecasting., Consortium o 85-11994  
 , Plasma and magnetospheric 85-13170  
 , Science and policy issues :a report of 85-11848  
 , 1984 :selected papers given at the 1984 85-13565  
 reserve ;, Problems with distribution of oil from 85-13873  
 ;, Strategic petroleum 85-13835  
 certain public lands for military purposes 85-13821  
 company commander's handbook. 85-12241  
 opportunities., Navy Civil Engineer Corps 85-12360  
 Reservoir management review :Utah projects office, 85-12900

residence (EER-2) : final report /, Demonstration 85-12723  
 residential buildings, other than single-family ho 85-12046  
 " photovoltaics, Synthesis of major econ 85-13350  
 " water conservation projects :summary r 85-12724  
 " wood heater report, phase II (1981-198 85-13763  
 residential structures :the energy efficient res 85-12723  
 Residual stresses in cross-ply composite tubes 85-13252  
 residue in Montana /, Estimators and characteristi 85-11903  
 residues to aircraft wings, A Fundamental approach 85-13310  
 resin LWR wastes :topical report /, Solidification 85-13737  
 resistance and environmental effects, Simplified c 85-13066  
 " (construction report) /, Sprinkle treat 85-13599  
 " of SiC and other mechanical properties 85-13146  
 resolution bone mineral densitometry with a gamma 85-13086  
 " hard x-ray spectra of solar and cosmic 85-13266  
 " procedures ;, Federal agencies' audit 85-13865  
 " X- and gamma-ray spectroscopy of solar 85-13210  
 resolutions affecting the business of the United S 85-13659  
 " favorably reported by the Committee in 85-13884  
 resonance imaging /, Magnetic 85-12650  
 resource document /, Toxicity treatability of iron 85-12495  
 " guide /, Vocational instructional program 85-12427  
 " guide for teaching a course in health pro 85-12447  
 " management plan and final environmental i 85-12728  
 " management plan :draft environmental impa 85-11947  
 " management plan :Nantahala & Pisgah Natio 85-11949  
 " management plan (proposed), Medicine Bow 85-11948  
 " potential :a geostatistical classificatio 85-12966  
 " potential of the Eighteenmile Wilderness 85-12834  
 " potential of the Silver City I 85-12839  
 resources /, An analysis of New York's timber 85-11931  
 " /, Microcomputers in elementary and seco 85-12461  
 " and data-network assessment of the Manas 85-12748  
 " and other remote sensing data, Investiga 85-13419  
 " and services., Parents guide to the deve 85-13023  
 " appraisal for hydroelectric licensing :m 85-12417  
 " catalogue., ITC 85-13645  
 " data. Alaska., U.S.G.S. water 85-12794  
 " data. Alaska., Water 85-12794  
 " data. Alaska, USGS water 85-12794  
 " geophysics program for Egypt, Report on 85-12838  
 " in areas developed for nonforest use in 85-11932  
 " inventory., Hocking Soil and Water Conse 85-11956  
 " of the United States Gulf of Mexico Cont 85-12837  
 " , Community health education 85-12706  
 " , Research on the use of space 85-13236  
 " , Water pollution and water 85-12540  
 Respect to the Effect of the 1985 Increase in the 85-12625  
 " to the Imposition and Collection of Tolls 85-12629  
 " to the Retirement of Certan Bankruptcy Jud 85-12598  
 response and action in ECIA case studies of Chapte 85-12471  
 " functions in cybernetic vision, Edge anal 85-13094  
 " language features for a network of hetero 85-13117  
 " of mistuned rotors using standing wave an 85-13261  
 " of space shuttle wing during reentry heat 85-13106  
 responses in partially dehydrated subjects working 85-12341  
 " using viscoplastic models, A computer pr 85-13060  
 " , Method 16A for determination of total 85-12522  
 responsibilities :retirement and survivors benefit 85-12643  
 restaurant central kitchens from federal inspectio 85-13770  
 Restoration of the Fish and Wildlife in the Trinit 85-12601  
 Restore Certain Mineral Rights to the Three Affili 85-12626  
 Restoring productivity growth in America :a challe 85-13492  
 Restricted Land on the Lake Traverse Indian Reserv 85-12592  
 Restricted Real Estate or Funds Which Is Part of t 85-12612  
 restrictions on Hong Kong : an economic policy ana 85-12531  
 resulting from March 28, 1979 accident Three Mile 85-13704  
 results /, Fourwing saltbush establishment in the 85-11922

- " :final report /, Coordinated transportatio 85-13586  
 " for 27.5-to 30-GHz communications satellit 85-13054  
 " of United States and Soviet dissolved oxyg 85-12098  
 " , STS-8 BET 85-13183  
**retail** centers in standard metropolitan statistica 85-12051  
 centers in standard metropolitan statistica 85-12052  
 " trade. Geographic area series. Ohio., 1982 85-12048  
 " trade. Major retail centers in standard met 85-12051  
 " trade. Major retail centers in standard met 85-12052  
 " trade. Preliminary report. Industry series. 85-12049  
 " trade. Preliminary report. Industry series. 85-12050  
**retention** design for self-lubricating bushings, Ev 85-13076  
**retirement** and survivors benefits., Your social se 85-12643  
 " arrangements (IRA's), Individual 85-13575  
 " of Certan Bankruptcy Judges, and for Ot 85-12598  
**retrofitted** with Romeo-Kojyo and breed all mechani 85-13633  
**return** stroke channels, Tortuosity of lightning 85-13119  
 " , Magnetic tape reporting for Form 941, Emp 85-13581  
**returns** documentation guide., Statistics of income 85-13564  
 " documentation guide, Corporation income ta 85-13564  
 " in the Lake States /, A new look at red pi 85-11897  
**revegetation** in a western Montana Douglas-fir fore 85-11894  
 " :Whitman Mission National Historic Si 85-12948  
**Revenue** procedure 85-1. 85-13562  
 " procedure 85-2. 85-13563  
 " provisions of the Deficit Reduction Act of 85-13935  
 " service and at the facility for accelerate 85-13604  
**reverse-air** pilot unit experience /, Electrostatic 85-12512  
**review** /, Empirical estimates of amenity forest va 85-11941  
 " /, Factors critical to the implementation o 85-12411  
 " /, Histoplasmosis and its relation to bird 85-12952  
 " activities of the Committee on Interior and 85-13691  
 " activity during the ... Congress of the Com 85-13686  
 " and evaluation report :weed science, agricu 85-11965  
 " coupled loads analysis, The ASTRO-1 prelimi 85-13040  
 " of arms control and disarmament activities, 85-13782  
 " of ground water contamination and depletion 85-13872  
 " of supercritical fluid extraction /, A 85-12087  
 " of the attributes and performance of six ur 85-12499  
 " of the five-year outlook report on science 85-13925  
 " of the literature /, Nonmetropolitan fiscal 85-11983  
 " of the silicon material task, A 85-13331  
 " of the status of the U.S. domestic uranium 85-13822  
 " of the 10-percent set-aside program setion 85-13932  
 " of U.S. strategic forces, pursuant to subse 85-13673  
 " of United States strategic forces :communic 85-13673  
 " report on the municipal wastewater treatmen 85-12519  
 " status /, Topical report 85-13748  
 " the impact of Canadian trade on U.S. Livest 85-13768  
 " :Utah projects office, 1983 /, Reservoir ma 85-12900  
**Revise** and Extend Provisions of the Public Health 85-12605  
 " and Extend the Authorities of That Act for 85-12589  
 " and Extend the Programs of Assistance Under 85-12591  
**Revised** estimates, by states., Citrus fruits. 85-11851  
 " plan :final environmental impact statement 85-12732  
**Revision** of North American Liris Fabricius (Hymeno 85-13548  
 " of the Radio Regulations (Geneva, 1979) a 85-13663  
 " of the Radio Regulations (Geneva, 1979) o 85-13663  
 " of the South American genus Otachyrium (P 85-13549  
 " to a previously reported deferral of budg 85-13675  
**revisions** for September 1984., Manual of regulatio 85-12114  
**revolution** with application to tires /, Mixed mode 85-13462  
**Reye's** syndrome. 85-12658  
 " , Sindrome de 85-12659  
**Reynolds** number effects on pressure loss and turbu 85-13093  
**RF** characteristics of the hoop column antenna for 85-13144  
 " interferometer position location accuracy, Effe 85-13413  
 " radiation, and electric field changes from ligh 85-13084  
 " voltmeters, Boonton, models 91C, 91CA-S4, 85-12283  
 " 91DA,  
 rheumatic diseases, and related disorders., Arthri 85-12672  
**ribbon** material, Carbon, oxygen and their interact 85-13342  
**rice** /, Factors affecting supply, demand, and pric 85-12000  
 " :background for 1985 farm legislation. 85-11863  
 " outlook & situation / 85-11979  
**Rich County**, Utah, Quaternary faults in Lincoln an 85-12812  
**Richmond-Petersburg Turnpike Upon Repayment by**  
 the 85-12629  
**Ridgefield National Wildlife Refuge**, Washington., 85-12956  
**riding** crops, and canes; matches, pyrotechnics and 85-12980  
**RIF's** at DOE : 85-13834  
**rifle** marksmanship trainer's guide., Basic 85-12246  
**rig** life, Deposition stress effects on thermal bar 85-13056  
**rights** /, Interrogation after assertion of 85-12996  
 " and responsibilities :retirement and surviv 85-12643  
 " :December 10, 1984 /, Rededication to the c 85-13519  
 " in Albania ;, Human 85-13852  
 " practices ;, Country reports on human 85-13864  
**rim** nations ;, China's trade with other Pacific 85-13824  
**ring** segments of the space shuttle solid rocket bo 85-13167  
 " , and mid ring segments of the space shuttle s 85-13167  
**Rio de Janeiro** /, Brazil-east coast, Belmonte to 85-12166  
 " de Janeiro /, Brazil-East coast, Cabo de Sao T 85-12169  
 " de la Plata to Bahia Blanca /, South America, 85-12165  
**Rio Chamba** WSA, Sabinoso WSA, San Antonio WSA.,  
 Al 85-12968  
**Rio Orinoco**, including approaches to Boca Grande / 85-12171  
**risk** : human biomonitoring, December 13-15, 1982, 85-12485  
 " assessment) : final rules for radionuclides., 85-12524  
 " management and insurance reference for U.S. p 85-13642  
 " management guidebook:a risk management and 85-13642  
**River** and Harbor Act of 1946., An Act to Amend the 85-12628  
 " information digest, 1985 :for popular wester 85-12947  
 " use and users /, A recreation manager's guid 85-11945  
**rivers** managed by federal agencies /, River inform 85-12947  
**roadless** area, Custer County, Idaho, Geochemical s 85-12808  
**robbery** trial ;, Financial assistance to Rockland 85-13886  
**robotics** systems applications to the space station 85-13295  
**Rocheater** Gas and Electric Corporation., Safety ev 85-13710  
**rock** core samples., Photography of 85-11955  
**Rock Creek Park** in the District of Columbia, and f 85-12585  
**rocket** booster, Water impact test of aft skirt end 85-13167  
**rockets**, medium wrecker M62, medium wrecker truck 85-12275  
**Rockland County**, NY, in the Brinks robbery trial : 85-13886  
**rocks** and pre-quaternary ash-flow tuffs, basin and 85-12780  
 " and silicic shallow-intrusive rocks, basin a 85-12772  
 " of early quaternary and tertiary age, basin 85-12764  
 " of early quaternary and tertiary age, basin 85-12776  
 " on the Oregon and Washington continental she 85-12835  
 " , ash-flow tuff, and laharic breccia, basin a 85-12767  
 " , basin and range province, Arizona /, Map sh 85-12753  
 " , basin and range province, Arizona /, Map sh 85-12754  
 " , basin and range province, Arizona /, Map sh 85-12755  
 " , basin and range province, Arizona /, Map sh 85-12756  
 " , basin and range province, Idaho /, Map show 85-12768  
 " , basin and range province, New Mexico /, Map 85-12772  
 " , basin and range province, New Mexico /, Map 85-12773  
 " , basin and range province, New Mexico /, Map 85-12774  
 " , basin and range province, Southern Californ 85-12762  
 " , basin and range province, Utah /, Map showi 85-12787  
**Rocky Mountain** area fenceposts :a progress report 85-11923  
**Rocky Mountain Engelmann** spruce and Douglas-fir se 85-11924  
**Rocky Mountains** /, An aid to identifying aspen dis 85-11950  
 " /, Lumber recovery from insect-kil 85-11902  
**role** brings program and administrative changes :re 85-12535  
 " :final report /, Socialization into the stude 85-12476  
 " of light /, Seasonal effects on mood :the 85-12708

- " of the Office of Special Counsel., The 85-13029  
 " of the U.S. Southern Command in Central Ameri 85-13856  
 roller, motorized, gasoline engine, 3 wheel, 10 to 85-12256  
 " , motorized, gasoline engine, 3 wheel, 10 to 85-12257  
 Romania, Mineral industry of 85-12935  
 " , Preprint from the ... Bureau of Mines Mi 85-12935  
 Romeo-Kojyo and breed all mechanical air bag senso 85-13633  
 room crews /, Task analysis of nuclear power plant 85-13725  
 " manual., Emergency 85-13646  
 rooms /, Identification and assessment of anticipa 85-13742  
 roots :a review /, Histoplasmosis and its relatio 85-12952  
 rotary, air, wheel mounted, pneumatic tires, diese 85-12258  
 rotating biological contactors /, Design informati 85-12490  
 " cyclic structures, NASTRAN forced vibrati 85-13362  
 Rotorcraft contingency power study 85-13396  
 rotors using standing wave analysis, Flutter and f 85-13261  
 row crop reflectance model, An analysis of spectra 85-13372  
 royalty management :, Federal minerals 85-13881  
 RS code", "An extended d(min) = 4 85-13282  
 " code, Fast decoding of a d(min) = 6 85-13283  
 rubber-tired feller buncher production studies /, 85-11944  
 rule tables., Defense Integrated Data System DIDS 85-12226  
 " tables, DIDS procedures manual. Vol. 13, Mate 85-12226  
 " tables, Materiel management decision 85-12226  
 " XI of the rules of the House of Representativ 85-13691  
 rules :, Imputed interest 85-13837  
 " for radionuclides., Background information d 85-12524  
 " of criminal procedure for the U.S. district 85-13677  
 " of the House of Representatives., Legislativ 85-13691  
 " , orders, laws, and resolutions affecting the 85-13659  
 Rules Enabling Act : 85-13890  
 rulings under the Trade Agreements Act of 1979., C 85-13555  
 runoff and soil erosion., Effects of land-use conv 85-11967  
 rural development, and related agencies appropriat 85-13776  
 " lands :short-run fiscal impacts /, Use valua 85-11909  
 " state :final report of Maine's Home Equity C 85-12721  
 " youth programs :a scientific exchange of rur 85-11954  
 " youth programs between the U.S.A. and the Pe 85-11954  
 Russell Lakes Waterfowl Management Area as a Repla 85-12609

## S

- S.J. Res. 25), Redesignating Saint Croix National 85-13664  
 S.R. joint studies on plastic films and soil stabi 85-12899  
 S-10757-C), LANDSAT 4 investigations of thematic m 85-13380  
 " ), Quarterly report, Landsat 4 investigat 85-13370  
 Sabine National Forest to Be Used for the Purposes 85-12610  
 Sabine River Authority Approximately Thirty-One Th  
 of Land within the Sabine National Forest to Be  
 U 85-12610  
 Sabinoso WSA, San Antonio WSA., Albuquerque Distri 85-12968  
 safety :, The impact of weather on aviation 85-13917  
 " :analysis for programmatic decisions /, Rec 85-13622  
 " assessment of photovoltaics, Environmental, 85-13327  
 " at the General Dynamics Corp. :, Labor-mana 85-13815  
 " belt proponent's guide., The 85-13636  
 " :electrical hazards, reference text /, Comm 85-12906  
 " evaluation report related to the full-term 85-13710  
 " evaluation report related to the operation 85-13705  
 " evaluation report related to the operation 85-13706  
 " evaluation report related to the operation 85-13707  
 " evaluation report related to the operation 85-13708  
 " evaluation report related to the operation 85-13711  
 " for utilities with nuclear power plants /, 85-13723  
 " program., Occupational health and 85-12481  
 " regulations :enforcement procedures, part 1 85-13638  
 " regulations :enforcement procedures, part 1 85-13639  
 " , Personnel qualification standard for C-2A 85-12349

- " /relief valve loads /, Water hammer, flow in 85-13740  
 Safety-related requirements for photovoltaic modul 85-13335  
 Saginaw, MI :, Zilwaukee Bridge, 85-13916  
 Sailors and scholars :the centennial history of th 85-12338  
 Saint Croix National Monument, Maine :report (to a 85-13664  
 Salaam to Mombasa Harbor /, Indian Ocean, Africa-e 85-12194  
 sale by Defense Property Disposal Service., Sale b 85-12223  
 " by reference :instructions, terms & condition 85-12223  
 " by the Superintendent of Documents., Computer 85-12538  
 " of federal surplus personal property. 85-12555  
 " of New Hampshire Ball Bearings, Inc. to the J 85-13790  
 saline water use equipment for power plant cooling 85-12901  
 salinity control programs in the Colorado River ba 85-12902  
 salt diode lasers and development of tunable solid 85-13356  
 Salt Lake County, Utah from color infrared aerial 85-13378  
 Salt II violations : 85-13775  
 saltbush establishment in the Keating Uniform Shru 85-11922  
 sample locality map for the White Cloud-Boulder ro 85-12808  
 " size and precision in communication perform 85-12115  
 samples and methods of analysis for soil survey., 85-11963  
 " , Mineralogic and petrologic studies of met 85-13424  
 " , Photography of rock core 85-11955  
 " , western Chichagof-Yakobi Islands Wilderne 85-12795  
 " , western Chichagof-Yakobi Islands Wilderne 85-12796  
 " , western Chichagof-Yakobi Islands Wilderne 85-12797  
 " , western Chichagof-Yakobi Islands Wilderne 85-12798  
 " , western Chichagof-Yakobi Islands Wilderne 85-12799  
 " , western Chichagof-Yakobi Islands Wilderne 85-12800  
 " , western Chichagof-Yakobi Islands Wilderne 85-12801  
 " , western Chichagof-Yakobi Islands Wilderne 85-12802  
 " , western Chichagof-Yakobi Islands Wilderne 85-12803  
 " , western Chichagof-Yakobi Islands Wilderne 85-12804  
 sampling and analysis methods for 21 suspect carci 85-12509  
 " flying bark beetles /, A passive aerial b 85-11915  
 " quality assurance user's guide /, Soil 85-12501  
 " site exposure criteria for lead /, Optimu 85-12521  
 San Antonio /, Mediterranean Sea, Spain-southeast 85-12187  
 San Antonio WSA., Albuquerque District wilderness 85-12968  
 San Diego, California, December 5-7, 1984, Office 85-13540  
 San Francisco Peaks area, Arizona, Aeromagnetic ma 85-12831  
 San Joaquin Valley basin : Fresno, Madera, Maripos 85-12417  
 San Jose, Costa Rica, March 15, 1983., An Act to I 85-12574  
 San Luis Valley, South-Central Colorado /, Quality 85-12788  
 sanction /, Fines in sentencing :a study of the us 85-13001  
 Sand-calcite crystals from Garfield County, Utah / 85-12737  
 Sands Plain, Marquette County, Michigan /, Hydroge 85-12790  
 Santa Barbara, California :phase 2-effects of pump 85-12738  
 Santa Barbara Ground-water basin /, Ground-water m 85-12738  
 Sao Miguel, Azores, Preliminary geologic map of Fu 85-12815  
 Sao Tome to Rio de Janeiro /, Brazil-East coast, C 85-12169  
 SAR data, A novel algorithm for sea surface height 85-13225  
 Sarasota Counties, Florida /, Water resources and 85-12748  
 Sardegna (Sardinia), northern part /, Mediterranea 85-12190  
 SASS train impinger system /, Collection efficienc 85-12515  
 SASS-1 model function by means of the sum of squar 85-13143  
 satellite communications /, Polarization angles of 85-12117  
 " communications, Adaptive arrays for 85-13254  
 " data transmission (SDT) requirement 85-13410  
 " imagery, Cloud cover typing from environ 85-13316  
 " magnetic field data, Potential utility o 85-13409  
 " observations of a monsoon depression 85-13268  
 " observations of 300-1400 A airglow, A St 85-13206  
 " receivers, Test results for 27.5-to 30-G 85-13054  
 " service (LMSS) channel simulator, Land m 85-13332  
 " system mission /, RF characteristics of 85-13144  
 " trends, Determination of the key paramet 85-13052  
 " , aircraft and rawinsonde data, Kinematic 85-13451

Satellite-Derived Sea Surface Temperature :Worksho,		
June 22-24, 1983, Pasadena, California	85-13328	
Satellite Emission Range Inferred Earth Survey (SE) project	85-13317	
Satellite-tracking and earth dynamics research pro	85-13212	
satellites of Jupiter and Saturn, Shock vaporizati	85-13351	
" , Interference problems for nongeostatio	85-13307	
saturation moisture characteristics of epoxies, An	85-13099	
Saturn, Shock vaporization and the accretion of th	85-13351	
Saudi Arabia, Mineral industry of	85-12936	
" , Preprint from the ... Bureau of Min	85-12936	
sausages and other prepared meats (industries 2011	85-12023	
savings potential from improvement in railcar reli	85-13625	
saw costs less than herbicides /, Releasing young	85-11901	
SBA antitrust for small businesses.	85-13538	
scale aft segment of the SRB filament wound case i	85-13168	
" molten core/magnesia interaction test /, Rep	85-13727	
" phosphoric acid-fuel cell stack technology d	85-13394	
Scandinavian Airlines System flight 901, McDonnell	85-13589	
scandium and yttrium in bedrock samples, western C	85-12802	
scanner applications (PCN902-91548, S-10757-C), LA	85-13380	
" applications (PCN902-91548, S-10757-C), Qu	85-13370	
" system", Fifth quarterly report on "Spec	85-13437	
" system", Fourth quarterly report on "spe	85-13383	
" , Investigation of radiometric properties o	85-13376	
scarifier and sprinkler, NSN 3895-00-902-8455, w/s	85-12256	
" and sprinkler, NSN 3895-00-952-5840, Hub	85-12257	
scattering from a flat plate and a cone /, On the	85-12361	
" , September 25, 1983 to March 24, 1984,	85-13447	
scatterometers, A user's manual for the NASA/JPL s	85-13232	
Scenic Area, Monongahela National Forest, West Vir	85-11885	
schedule , General Services Administration manage	85-13871	
" A commodity groupings, U.S. general impo	85-12041	
" A commodity groupings, US general imports	85-12041	
" A commodity groupings, World area and cou	85-12041	
Schedule E commodity groupings by world area and c	85-12042	
scheduled Federal Aviation Administration (FAA) ap	85-13611	
schedules of the United States annotated /, Tariff	85-12969	
scheduling specialist (AFSC 39250) /, Maintenance	85-12394	
scheme for error control", "On the undetected er	85-13279	
" for the equations of gasdynamics, An effici	85-13110	
schemes for hyperbolic conservation laws, Multidim	85-13181	
" having special properties for ordinary and	85-13311	
scholars :the centennial history of the U.S. Naval	85-12338	
scholarships , Army ROTC	85-12302	
School administration, buildings and equipment.	85-12548	
" apprenticeship research program, NASA-Ames	85-13090	
" desegregation and black achievement.	85-12477	
" health education., Current awareness in	85-12701	
" mathematics :options for the 1990s.	85-12424	
" offerings and enrollments :1972-73 and 1981	85-12442	
" superintendents :final report on grant no.	85-12448	
" :the army's education planning guide., Beyo	85-12308	
School Team Approach /, An Overview of the	85-12426	
schools and certain tax-exempt organizations., Tax	85-13572	
" 1983-1984, pursuant to Public Law 88-246 /	85-13660	
Schultze Granite, the Tea Cup Granodiorite, and th	85-12746	
Science and engineering doctorates.	85-13475	
" and Engineering, Status of research at the	85-13187	
" and math education :	85-13924	
" and policy issues :a report of citizen con	85-11848	
" and technology :, Oversight review of the	85-13925	
" bears witness., Forensics :when	85-12988	
" conference, March 12-16, 1984, Press abstr	85-13440	
" policy :, An Agenda for a study of governm	85-13920	
" , agricultural chemicals technology, and re	85-11965	
" /engineering. R & D funds., Academic	85-13474	
" /engineering. R and D funds., Academic	85-13474	
" , technology, and foreign affairs /	85-13524	
sciences., United States-Spain cooperative program	85-13473	
Scientific and technical libraries :administration	85-13026	
" and technical training in the Soviet Un	85-13123	
" exchange of rural youth programs between	85-11954	
Scoping the Utah statewide wilderness environmenta	85-12731	
Scotland-east coast, Montrose to Berwick :	85-12172	
scramjet combustor using laser-induced iodine fluo	85-13433	
screening model /, Conceptual development of a tox	85-12518	
" protocol for extremity injuries /, An X-	85-12692	
SDT) requirement, Satellite data transmission (	85-13410	
sea /, Ambient noise in the	85-12365	
" , Incineration of hazardous wastes at	85-13877	
" ice data buoys in the Weddell Sea /	85-12323	
" surface height estimation using complex SAR da	85-13225	
seal in the northwestern Hawaiian Islands., Propos	85-12108	
Seamanship :officer correspondence course.	85-12357	
Seasonal affective disorder and phototherapy /	85-12709	
" effects on mood :the role of light /	85-12708	
" frost conditions., Pavement design for	85-12254	
" variations in the water vapor, liquid wat	85-13115	
Seattle., Priority accessible network for the elde	85-13395	
second malignant neoplasms /, Selected abstracts o	85-12666	
" quarter, CY 1984., Equipment improvement r	85-12290	
" quarter, CY 1984., Equipment improvement r	85-12291	
" quarter, CY 1984., Equipment improvement re	85-12289	
" quarter, CY 1984., Equipment improvement re	85-12294	
" session., Report on congressional delegatio	85-13936	
" session, July 25, 1984., Public relations c	85-13874	
second-growth ponderosa pine trees /, Biomass esti	85-11921	
Second-law efficiency of solar-thermal cavity rece	85-13320	
secondary and postsecondary vocational-technical s	85-12430	
" combustion /, Control of wood stove emis	85-12505	
" education :a guide to the resources /, M	85-12461	
" pattern computation of an arbitrarily sh	85-13089	
" phase correction table :central Pacific	85-12160	
" teachers of basic skills : final report	85-12475	
" transfer standards (augmented), AN/GSM-2	85-12268	
" transfer standards calibration set AN/GS	85-12261	
" vocational education :imperative for exc	85-12431	
Secretary General of the United Nations., Settleme	85-13680	
section to warhead, ADU-452A/B, part no. HA020503-	85-12376	
" 15 of the Small Business Act by requiring	85-13933	
" 155 of the Omnibus Budget Reconciliation A	85-12578	
" 170 (c) of the Internal Revenue Code of 19	85-13559	
" 261 of the Atomic Energy Act of 1954, and	85-12606	
" 305 of the Energy Reorganization Act of 19	85-12606	
" 332(b) of the Tariff Act of, The Impact of	85-12981	
" 4, weapons control., Personnel qualificati	85-12351	
" 5, electrical., Personnel qualification st	85-12348	
" 5 electrical., Personnel qualification sta	85-12356	
" 6, utility, environmental, safety., Person	85-12349	
" 9, auxiliary., Personnel qualification sta	85-12354	
Section-by-section comparison of January 9, 1985 d	85-13907	
sections of the Pine Ridge quadrangle, Moffat Coun	85-12817	
" of the southwestern Kenai Peninsula west	85-12830	
" 1013(a) and, Deferrals :message from the	85-13675	
sector /, The Federal	85-13493	
sectors /, Argentine agricultural policies in the	85-11982	
Securities and Exchange Commission for the fiscal	85-13542	
security benefits :desk guide., Taxation of social	85-12644	
" rights and responsibilities :retirement a	85-12643	
" taxation :impacts on farm operations and	85-11999	
sediment experiments aboard a space station, Feasi	85-13454	
" , Outer Continental Shelf between Yakutat	85-12805	
sedimentary and metasedimentary rocks, basin and r	85-12754	
" and metasedimentary rocks, basin and r	85-12762	
" and metasedimentary rocks, basin and r	85-12768	
" and metasedimentary rocks, basin and r	85-12787	

- " rocks, basin and range province, New M 85-12773  
 sediments and benthic species in relation to nucle 85-13249  
 seed produced on highly sodic coal mine spoils /, 85-11914  
 seedlings /, Optimum temperatures for growth of so 85-11924  
 " still successful after 11 years /, Nutta 85-11926  
 segment of the SRB filament wound case in the NSW 85-13168  
 Segmented testing 85-13217  
 segments of the space shuttle solid rocket booster 85-13167  
 seismic records, Gas hydrates on continental margi 85-12820  
 Selat Bangka /, Sumatera-east coast with offlying 85-12203  
 " and Selat Gelasa /, Indonesia, Sumate 85-12202  
 Selat Gelasa /, Indonesia, Sumatera-east coast, Se 85-12202  
 Select Committee on Narcotics Abuse and Control, 85-12669  
 Selected abstracts on diagnosis and treatment of t 85-12666  
 " abstracts on effects of therapy for prima 85-12667  
 " abstracts on intercellular communication 85-12668  
 " abstracts on neutrons and charged particl 85-12044  
 " characteristics of persons in engineering 85-12480  
 " hydraulic properties of processed oil sha 85-12261  
 " items of secondary transfer standards cal 85-12492  
 " municipal solid waste test cells /, Compa 85-13565  
 " papers given at the 1984 annual meeting o 85-12471  
 " states /, Kaleidoscopes :emerging pattern 85-12892  
 " surface-water data for the Huntington 30 85-12889  
 " surface-water data for the Manti 30 x 60 85-12890  
 " surface-water data for the Nephi 30 x 60 85-12891  
 " surface-water data for the Price 30 x 60 85-12538  
 selection of books for sale by the Superintendent 85-13580  
 " of 1984 Internal Revenue Service tax inf 85-11908  
 " on Louisiana pine-hardwood sites /, Deer 85-13618  
 " test performance related to academy trai 85-12222  
 selections from the 1983 Joint Chiefs of Staff es 85-13749  
 Selective service and you. 85-12370  
 Self aid/buddy care instructions. 85-13151  
 self-contained airborne radar navigation system, I 85-13076  
 self-lubricating bushings, Evaluation of two poly 85-12411  
 self-paced instruction a background review /, Fac 85-12410  
 " instruction : factors critical to imple 85-12474  
 Self-reports of teacher judgment / 85-12121  
 Selling to the government of Mexico / 85-13447  
 Semi-annual report for numerical methods for analy 85-13068  
 semi-direct procedure using a local relaxation fac 85-13126  
 Semi-Markov Unreliability Range Evaluator (SURE) p 85-13355  
 semiannual progress report, March 1983-August 1983 85-11847  
 " report / 85-13011  
 " report of the Inspector General / 85-12015  
 " report to the Congress / 85-12447  
 seminar /, An instructor resource guide for teachi 85-12244  
 " in leadership and management (reference p 85-13683  
 Senate amendment to H.R. 4230 :report (to accompan 85-13659  
 " manual containing the standing rules, order 85-13672  
 " , Oversight activities of the Committee on 85-13671  
 " , together with additional views to accompan 85-13659  
 Senate :Articles of Confederation and the Constitu 85-12621  
 Seneca County, Ohio., Conveyance of public lands, 85-12013  
 Senior Companion Program :the finest tradition of 85-12906  
 sense electrical safety :electrical hazards, refer 85-13419  
 sensing data, Investigation of forestry resources 85-13353  
 " of laser induced fluorescence of phytopl 85-13373  
 " of snow, Microwave remote 85-13356  
 " , Lead salt diode lasers and development of 85-13274  
 sensitive optical pyrometer for shock-temperature 85-13633  
 sensor systems./, Bumper tests of a 1979 Ford LTD 85-13058  
 " with microcomputer control, In-situ measure 85-13364  
 sensors remotos a problemas hidrologicos e inunda 85-13423  
 sensors and actuators, Experiments in control of f 85-13001  
 sentencing :a study of the use of the fine as a cr 85-13003  
 " and the correctional process :a study o 85-13003  
 " reform in three states /, Determinate s 85-13195  
 separated flow past airfoils, Interacting boundary 85-13184  
 separation minima through the use of TCAS-derived 85-13747  
 September 1-2, 1983., Proceedings of the CSNI Spec 85-11938  
 September 13-15, 1983, Holiday Inn, Burlington, VT 85-13591  
 September 23, 1983 /, Pipeline accident report :Bo 85-13447  
 September 25, 1983 to March 24, 1984, Semi-annual 85-12533  
 September 30, 1983 :report to the Congress of the 85-12679  
 September 30, 1984., A Guide to the National Insti 85-12649  
 September 1981., Chronobiology and the digestive s 85-12821  
 September 1983, Potentiometric surface of the Flor 85-13619  
 " , 22nd Joint Services Safety Confer 85-12114  
 September 1984., Manual of regulations and procedu 85-13652  
 serial set., United States Congressional 85-13653  
 " set., United States Congressional 85-13654  
 " set., United States Congressional 85-13655  
 " set., United States Congressional 85-13656  
 " set., United States Congressional 85-13657  
 " set., United States Congressional 85-13658  
 " set, U.S. Congressional 85-13652  
 " set, U.S. Congressional 85-13653  
 " set, U.S. Congressional 85-13654  
 " set, U.S. Congressional 85-13655  
 " set, U.S. Congressional 85-13656  
 " set, U.S. Congressional 85-13657  
 " set, U.S. Congressional 85-13658  
 " set, [Congressional 85-13652  
 " set, [Congressional 85-13653  
 " set, [Congressional 85-13654  
 " set, [Congressional 85-13655  
 " set, [Congressional 85-13656  
 " set, [Congressional 85-13657  
 " set, [Congressional 85-13658  
 series : , Alaska topographic 85-12896  
 " : , Alaska topographic 85-12897  
 " : , Alaska topographic - bathymetric 85-12895  
 " circuits for basic electricity and electron 85-12336  
 " P-1987., United States of America, treasury 85-13554  
 " (topographic) ; 7.5 minute 85-12844  
 " (topographic) ; 7.5 minute 85-12845  
 " (topographic) ; 7.5 minute 85-12846  
 " (topographic) ; 7.5 minute 85-12847  
 " (topographic) ; 7.5 minute 85-12848  
 " (topographic) ; 7.5 minute 85-12849  
 " (topographic) ; 7.5 minute 85-12850  
 " (topographic) ; 7.5 minute 85-12851  
 " (topographic) ; 7.5 minute 85-12852  
 " (topographic) ; 7.5 minute 85-12853  
 " (topographic) ; 7.5 minute 85-12854  
 " (topographic) ; 7.5 minute 85-12855  
 " (topographic) ; 7.5 minute 85-12856  
 " (topographic) ; 7.5 minute 85-12857  
 " (topographic) ; 7.5 minute 85-12858  
 " (topographic) ; 7.5 minute 85-12859  
 " (topographic) ; 7.5 minute 85-12860  
 " (topographic) ; 7.5 minute 85-12861  
 " (topographic) ; 7.5 minute 85-12862  
 " (topographic) ; 7.5 minute 85-12863  
 " (topographic) ; 7.5 minute 85-12864  
 " (topographic) ; 7.5 minute 85-12865  
 " (topographic) ; 7.5 minute 85-12866  
 " (topographic) ; 7.5 minute 85-12867  
 " (topographic) ; 7.5 minute 85-12868  
 " (topographic) ; 7.5 minute 85-12869  
 " (topographic) ; 7.5 minute 85-12870  
 " (topographic) ; 7.5 minute 85-12871  
 " (topographic) ; 7.5 minute 85-12872  
 " (topographic) ; 7.5 minute 85-12873

" (topographic) ; 7.5 minute	85-12874	Series H-150, Annual housing survey, United States	85-12045
" (topographic) ; 7.5 minute	85-12875	Serpents Mouth to Rio Orinoco, including approach	85-12171
" (topographic) ; 7.5 minute	85-12876	serve the nation :National Defense Executive Reser	85-12526
" (topographic) ; 7.5 minute	85-12877	served by the U.S. Bureau of Reclamation /, Produc	85-11906
" (topographic) ; 7.5 minute	85-12878	service ; Status of U.S. postal	85-13915
" (topographic) ; 7.5 minute	85-12879	" administrative development :first level pr	85-13647
" (topographic) ; 7.5 minute	85-12880	" and at the facility for accelerated servic	85-13604
" (topographic) ; 7.5 minute	85-12881	" and you., Selective	85-13749
" (topographic) ; 7.5 minute	85-12882	" attaches accredited to the Department of t	85-12374
" (topographic) ; 7.5 minute	85-12883	" data feedback program., Food	85-12252
" (topographic) ; 7.5 minute	85-12884	" in higher education :practices and priorit	85-12460
" (topographic) ; 7.5 minute	85-12885	" industries. Geographic area series. Arizon	85-12075
" (topographic) ; 7.5 minute	85-12886	" industries. Geographic area series. Arkans	85-12076
" (topographic) ; 7.5 minute	85-12887	" industries. Geographic area series. Florid	85-12077
" W-1986., United States of America, treasury	85-13553	" industries. Geographic area series. Louisi	85-12078
" Alabama., 1982 census of wholesale trade.	85-12053	" industries. Geographic area series. Massac	85-12079
" , and M816, and wrecker-truck tractor M246 s	85-12275	" industries. Geographic area series. Missis	85-12080
" , and M819., Load-testing vehicles used to h	85-12275	" industries. Geographic area series. Nebras	85-12081
" Arizona., 1982 census of service industrie	85-12075	" industries. Geographic area series. North	85-12082
" Arkansas., 1982 census of service industri	85-12076	" industries. Geographic area series. Oklaho	85-12083
" Arkansas., 1982 census of wholesale trade.	85-12054	" industries. Geographic area series. Texas.	85-12084
" Children's outerwear, N.E.C. (industry 236	85-12027	" life of treated and untreated Rocky Mounta	85-11923
" Connecticut., 1982 census of wholesale tra	85-12055	" (LMSS) channel simulator, Land mobile sate	85-13332
" Construction machinery (industry 3531), 1	85-12032	" manual., HP 1000 E-series computer, HP 210	85-12371
" Delaware., 1982 census of wholesale trade.	85-12056	" testing., Correlation of concrete tie trac	85-13604
" Finishing mills, N.E.C. (industry 2269),	85-12025	services /, National listing of providers furnishi	85-12718
" Florida., 1982 census of service industrie	85-12077	" block grant : new state role brings progr	85-12535
" Florida., 1982 census of wholesale trade.	85-12057	" disability medical consultants., Register	85-12640
" General contractors, residential buildings	85-12046	" for family planning and infertility :Unit	85-12690
" Grocery stores (industry 5411), 1982 cens	85-12049	" industry and their impact on small busine	85-13929
" Illinois., 1982 census of wholesale trade.	85-12058	" national telephone directory., Customer	85-13477
" Iowa., 1982 census of wholes trade. Geogra	85-12059	" :status of forces policies, procedures, a	85-12251
" Kansas., 1982 census of wholesale trade. G	85-12060	" technician (AFSC 70570) /, Legal	85-12403
" Kentucky., 1982 census of wholesale trade.	85-12061	" technician (AFSC 70570) /, Legal	85-12404
" Louisiana., 1982 census of service industr	85-12078	" , Parents guide to the development of pre	85-13023
" Mail order houses (industry 5961), 1982 c	85-12050	" , WWVH :frequency-time broadcast	85-12085
" Maryland., 1982 census of wholesale trade.	85-12062	Servicio Postal para cumplir los objetivos profes	85-13476
" Massachusetts., 1982 census of service ind	85-12079	serving special populations /, A policy analysis o	85-12429
" Meat packing plants, sausages and other pr	85-12023	" special populations in vocational educatio	85-12428
" Men's and boys' clothing, N.E.C. (industry	85-12026	set AN/GSM-259 (NSN 4931-01-019-1829), Direct sup	85-12261
" Michigan., 1982 census of wholesale trade.	85-12063	" AN/MPQ-51 (XO-1) (Improved Hawk Air De-	
" Middle Atlantic States (New Jersey, New Yo	85-12020	defense Gu	85-12260
" Mississippi., 1982 census of service indus	85-12080	" TA-885/U and Hewlett-Packard, model 3555B.,	
" Mississippi., 1982 census of wholesale tra	85-12064	Ca	85-12284
" Missouri., 1982 census of wholesale trade.	85-12065	" ], [Congressional serial	85-13652
" , Navy electricity and electronics training	85-12346	" ], [Congressional serial	85-13653
" Nebraska., 1982 census of service industri	85-12081	" ], [Congressional serial	85-13654
" New Jersey., 1982 census of wholesale trad	85-12066	" ], [Congressional serial	85-13655
" New York., 1982 census of wholesale trade.	85-12067	" ], [Congressional serial	85-13656
" Nonferrous wire drawing and insulating (in	85-12031	" ], [Congressional serial	85-13657
" North Carolina., 1982 census of wholesale	85-12068	" ], [Congressional serial	85-13658
" North Dakota., 1982 census of service indu	85-12082	" , secondary transfer standards (augmented), AN/	85-12268
" North Dakota., 1982 census of wholesale tr	85-12069	" , U.S. Congressional serial	85-13652
" Ohio., 1982 census of retail trade. Geogra	85-12048	" , U.S. Congressional serial	85-13653
" Oklahoma., 1982 census of service industri	85-12083	" , U.S. Congressional serial	85-13654
" Pacific States (Alaska, California, Hawaii	85-12022	" , U.S. Congressional serial	85-13655
" Pennsylvania., 1982 census of wholesale tr	85-12070	" , U.S. Congressional serial	85-13656
" Petroleum refining, lubricating oils and g	85-12029	" , U.S. Congressional serial	85-13657
" Pressed and blown glass, N.E.C. (industry	85-12030	" , U.S. Congressional serial	85-13658
" South Atlantic States (Delaware, District	85-12021	" , United States Congressional serial	85-13652
" South Carolina., 1982 census of wholesale	85-12071	" , United States Congressional serial	85-13653
" Tanks and tank components (industry 3795).	85-12033	" , United States Congressional serial	85-13654
" Texas., 1982 census of service industries.	85-12084	" , United States Congressional serial	85-13655
" Textile machinery in place (major group 22	85-12034	" , United States Congressional serial	85-13656
" United States., 1982 census of wholesale t	85-12074	" , United States Congressional serial	85-13657
" Waterproof outer garments (industry 2385),	85-12028	" , United States Congressional serial	85-13658
" Weaving mills, manmade fiber and silk (ind	85-12024	set-aside program setion 105 (f) of the Surface Tr	85-13932
" West Virginia., 1982 census of wholesale t	85-12072	setion 105 (f) of the Surface Transportation Assis	85-13932
" Wisconsin., 1982 census of wholesale trade	85-12073		

- sets AN/GRC-144 and AN/GRC-143., Diagram booklet 85-12315
- " (general), Calibration procedure for automot 85-12276
- " , kits, and outfits components list :calibrati 85-12268
- " , kits, and outfits, components list for shop 85-12267
- setting east of a low-level radioactive-waste disp 85-12792
- settlement of highway construction contract claims 85-13597
- " of the Cyprus question :communication f 85-13680
- SEU), A guideline for heavy ion radiation testing 85-13319
- severance taxes :, State 85-13839
- severely handicapped students to perform meaningfu 85-12455
- sewage disposal for Peace Corps volunteers /, Wate 85-13485
- " sludge on corn silage and animal products / 85-12488
- sexual abuse victims in the courts :, Child 85-13898
- " assault., How to protect yourself against 85-13000
- shafting and their impact on design, Factors that 85-13048
- shale development /, Groundwater monitoring recomm 85-12500
- shales /, Leaching and selected hydraulic properti 85-12480
- shallow-intrusive rocks, basin and range province, 85-12772
- shaped main reflector, Secondary pattern computati 85-13089
- shapes from test measurements and NASTRAN analytic 85-13114
- " , Measurement of local connective heat trans 85-13397
- sharing :America's international highway program., 85-13592
- Sharkey clay soil /, Ten-year growth of five plant 85-11928
- Shatt Al Arab and Khawr-E Musa /, Persian Gulf, Ku 85-12198
- shear specimens by moire interferometry /, Deforma 85-13145
- sheathed on two sides /, Racking performance of li 85-11892
- Shree Atika, Inc. : 85-13880
- sheet /, Denmark Strait, Greenland (Denmark)-east 85-12179
- " alloy combustor liner /, Materials for advan 85-13399
- " alloy combustor liner /, Materials for advan 85-13400
- " for the Survey of Income and Program Partici 85-12018
- " vinyl flooring industry :report to the Subco 85-12981
- Sheffield, Illinois /, Hydrogeologic setting east 85-12792
- shelf, Tertiary volcanic and intrusive rocks on th 85-12835
- shelled filberts :, Increased duties on certain 85-13846
- shells of revolution with application to tires /, 85-13462
- shelter mounted (NSN 4940-00-209-6239) (LIN T10038 85-12267
- shielding using electrostatic fields /, Galactic h 85-13127
- shields in insulations, Optimization of cooled 85-13153
- Shioya Zaki to Ishinomaki Wan., Japan, Honshu-east 85-12217
- shipbuilding and repair facilities /, Report on su 85-13644
- shipment, handling, storage, inspection, care and 85-12264
- shipments to Puerto Rico /, Wood 85-11911
- Shipping 85-12566
- " , CFR, 46, 85-12566
- " , Code of federal regulations, 46, 85-12566
- ships' maintenance and material management (3-M) s 85-12350
- Shock vaporization and the accretion of the icy sa 85-13351
- " , Pyrotechnic 85-13037
- shock-temperature measurements, A sensitive optica 85-13274
- shocks in a variable area duct containing near son 85-13191
- Shoe and tire impression evidence / 85-12997
- shop equipment, canvas and glass shop, shelter mou 85-12267
- " , shelter mounted (NSN 4940-00-209-6239) (LIN 85-12267
- Short internodes in western white pine / 85-11913
- short-run fiscal impacts /, Use valuation of Louis 85-11909
- short-term bioassays to evaluate environmental imp 85-12494
- Shot noise limited detection of OH using the techn 85-13453
- shoulder harness if you've got it-use it!, Your 85-13616
- " maintenance performance guides., Pavement 85-13596
- showing distribution of dissolved solids and domin 85-12752
- " distribution of dissolved solids and domin 85-12758
- " distribution of dissolved solids and domin 85-12761
- " distribution of dissolved solids and domin 85-12766
- " distribution of dissolved solids and domin 85-12771
- " distribution of dissolved solids and domin 85-12779
- " distribution of dissolved solids and domin 85-12783
- " distribution of dissolved solids and domin 85-12786
- " ground-water levels, springs, and depth to 85-12751
- " ground-water levels, springs, and depth to 85-12760
- " ground-water levels, springs, and depth to 85-12770
- " ground-water levels, springs, and depth to 85-12775
- " ground-water levels, springs, and depth to 85-12778
- " ground-water levels, springs, and depth to 85-12782
- " ground-water levels, springs, and depth to 85-12785
- " ground-water units and number of large cap 85-12777
- " ground-water units and withdrawal, basin a 85-12750
- " ground-water units and withdrawal, basin a 85-12759
- " ground-water units and withdrawal, basin a 85-12769
- " ground-water units and withdrawal, basin a 85-12781
- " ground-water units and withdrawal, basin a 85-12784
- " ground-water units and withdrawal, ground- 85-12757
- " ground-water units, ground-water levels, s 85-12765
- " natural aggregates of the conterminous Uni 85-12819
- " outcrops of basaltic rocks of early quater 85-12764
- " outcrops of basaltic rocks of early quater 85-12776
- " outcrops of granitic rocks and pre-quatern 85-12780
- " outcrops of granitic rocks and silicic sha 85-12772
- " outcrops of granitic rocks, ash-flow tuff, 85-12767
- " outcrops of granitic rocks, basin and rang 85-12753
- " outcrops of pre-quaternary ash-flow tuffs 85-12755
- " outcrops of pre-quaternary ash-flow tuffs, 85-12763
- " outcrops of pre-quaternary basaltic rocks, 85-12756
- " outcrops of pre-quaternary basaltic rocks, 85-12774
- " outcrops of thick, dominantly argillaceous 85-12754
- " outcrops of thick, dominantly argillaceous 85-12762
- " outcrops of thick, dominantly argillaceous 85-12768
- " outcrops of thick, dominantly argillaceous 85-12773
- " outcrops of thick, dominantly argillaceous 85-12787
- " selected surface-water data for the Huntin 85-12892
- " selected surface-water data for the Manti 85-12889
- " selected surface-water data for the Nephi 85-12890
- " selected surface-water data for the Price 85-12891
- " the distribution and abundance of boron an 85-12796
- " the distribution and abundance of cobalt i 85-12798
- " the distribution and abundance of copper i 85-12797
- " the distribution and abundance of gold and 85-12795
- " the distribution and abundance of lead in 85-12801
- " the distribution and abundance of molybden 85-12799
- " the distribution and abundance of nickel a 85-12800
- " the distribution and abundance of scandium 85-12802
- " the distribution and abundance of strontiu 85-12803
- " the distribution and abundance of zinc in 85-12804
- " their status as of the date of final adjuo 85-13884
- shuttle solid rocket booster, Water impact test of 85-13167
- " (STS-13) launch, Atmospheric environment f 85-13041
- " wing during reentry heating, Thermal respo 85-13106
- SiC and other mechanical properties of SiC and Si 85-13146
- " and Si<sub>3</sub>N<sub>4</sub>, The impact 85-13146
- side impact test of a 19 crabbed moving deformable 85-13630
- " impact test of a 19 crabbed moving deformable 85-13631
- " structures., Test device and test procedure t 85-13632
- side-by-side microphone arrangements, Noise path i 85-13299
- sides /, Racking performance of light-frame walls 85-11892
- Sidra, Ra's AlUwayja' to Ra's Tawinis /, Mediterra 85-12193
- signal converter CV-1548, multiplexer TD-352, TD-6 85-12315
- " generator, AN/URM-52( ), TS-621( ), and Hew 85-12288
- signatures, RF radiation, and electric field chang 85-13084
- signed by the United States on March 23, 1983., In 85-13662
- " in San Jose, Costa Rica, March 15, 1983., A 85-12574
- significant employment profile highlights., HRSA 85-12715
- Si<sub>3</sub>N<sub>4</sub>, The impact resistan 85-13146
- Sikorsky S-76A helicopter /, Noise measurement fli 85-13615
- silage and animal products /, Effects of sewage sl 85-12488
- silicic shallow-intrusive rocks, basin and range p 85-12772
- silicon material, Process research of non-CZ 85-13344

- " material (PROPSM), Process research in pol 85-13340  
 " material (PROPSM), Process research on pol 85-13339  
 " material task, A review of the 85-13331  
 " ribbon material, Carbon, oxygen and their 85-13342  
 " solar cells, Surface and allied studies in 85-13346  
 " Preliminary study of a radiantly heated f 85-13343  
 silk (industry 2221), 1982 census of manufactures 85-12024  
 silver in bedrock samples, western Chichagof-Yakob 85-12795  
 Silver City 1°x 2° quadr 85-12839  
 silvicultural treatments in hardwood stands of the 85-11939  
 simple model for estimating total and merchantable 85-11916  
 " transmission network planning method :Wisco 85-12496  
 Simplified composite micromechanics equations for 85-13066  
 simulating low-velocity impact, Delamination growt 85-13097  
 " reflectors on marine seismic records, G 85-12820  
 simulation and a visual display, Evaluation of HiM 85-13085  
 " of groundwater flow and contaminant tra 85-13720  
 " of TF34-GE-100 turbofan engine with pos 85-13053  
 " Dataflow computing approach in high-sp 85-13258  
 simulations of chemically reacting turbulent mix 85-13391  
 simulator, Land mobile satellite service (LMSS) ch 85-13332  
 sin x)/x interpolator, The Lanczos-precondit 85-12832  
 Syndrome de Reye. 85-12659  
 Singapore Strait to Selat Bangka /, Sumatera-east 85-12203  
 single crystal NiAlZr /, The transient oxidation o 85-13403  
 " event upset (SEU), A guideline for heavy io 85-13319  
 " handle faucets :investigation no. 337-TA-16 85-12982  
 single-and-double-error-correcting Reed Solomon co 85-13281  
 single-crystal turbine blades /, Low-cost 85-13156  
 single-family houses, industry 1522., 1982 census 85-12046  
 sinking in the Atlantic Ocean on 12 February 1983 85-13623  
 sinks for nitrous oxide and experimental studies o 85-13436  
 site /, Growth, thinning treatments, and soil prop 85-11927  
 " exposure criteria for lead /, Optimum samplin 85-12521  
 " index curves for the Allegheny Plateau /, Bla 85-11900  
 " near Sheffield, Illinois /, Hydrogeologic set 85-12792  
 " projects /, Progress in evaluation of radionu 85-13734  
 site-prepared loblolly pine plantations in the low 85-11943  
 Site Thereof Located in the District of Columbia, 85-12595  
 sites /, Deer and cattle forage selection on Louis 85-11908  
 " :descriptions of 244 sites on proposed updat 85-12479  
 " in central Arizona /, Pocket gopher food hab 85-11906  
 " on proposed update #2 to national priorities 85-12479  
 Sitka National Historical Park, Alaska., An Act to 85-12584  
 situ analysis of corrosive and passive surfaces by 85-12493  
 situation /, Rice outlook & 85-11979  
 " in North America, 1982., Spruce budworms 85-11856  
 six developing countries /, Crop output growth :ch 85-11993  
 " month period ... /, Office of Inspector Genera 85-12722  
 " urban diffusion models /, Review of the attrib 85-12499  
 Six-month progress report on an analysis of wave i 85-13312  
 sixth National Conference for State and Local Offi 85-13541  
 Sixth National Conference for State and Local Offi 85-13540  
 size and precision in communication performance me 85-12115  
 " for drops and bubbles /, Unified theory for p 85-13746  
 " , composition and growth at hypo- and hypergra 85-13427  
 sizing of a solar powered aircraft, Structural 85-13198  
 SKG range, Manufacture of DPFC-DMS polymer in the 85-13455  
 skid resistance (construction report) /, Sprinkle 85-13599  
 skies on solar and emitted radiations, Local effec 85-13218  
 skill level 1, MOS 93J., Air traffic control radar 85-12270  
 " level 1 /, MOS 45B small arms repairer, 85-12332  
 " level 1 /, MOS 45N, tank turret mechanic, 85-12333  
 " levels 1/2 : soldier's manual., Aircraft fir 85-12271  
 skills /, Improving your navy reading 85-12345  
 " : final report /, Developer/demonstration p 85-12475  
 " among limited English-speaking students fro 85-12468  
 " for infection control nurses, March 4-15, 1 85-12697  
 " , Military 85-12368  
 skin (sin x)/x interpolator, The Lanczos-precondit 85-12832  
 skirt end ring, and mid ring segments of the space 85-13167  
 slaughter plants : Meat, Poultry, and Egg Product 85-13770  
 slow, latent, and temperate virus infections., The 85-12680  
 sludge on corn silage and animal products /, Effec 85-12488  
 small aircraft, Summary of airworthiness directive 85-13613  
 " aircraft, Summary of airworthiness directive 85-13614  
 " airplanes with continuous-flow, fuel-injecti 85-13610  
 " arms repairer, skill level 1 /, MOS 45B 85-13332  
 " business answer desk directory., The 85-13537  
 " business financing :, Current trends in the 85-13929  
 " business, San Diego, California, December 5- 85-13540  
 " business tax workshop :workbook. 85-13579  
 " business :the sixth National Conference for 85-13541  
 " businesses., SBA antitrust for 85-13538  
 " claims disputes., Highlights from the Issues 85-13005  
 " dams., Design of 85-12903  
 " watershed projects. 85-11858  
 Small Business and Federal Procurement Competition 85-12613  
 " , December 5-7, 1984, San Diego, Cal 85-13541  
 Small Business Act by requiring the assignment of 85-13933  
 Small Business Administration's computer systems : 85-13927  
 Small Business Competition Enhancement Act of 1984 85-13933  
 Small Business Initiatives., Ideas in action :the 85-13540  
 Smithsonian approach /, In pursuit of wild geese : 85-13544  
 Smithsonian Institution., Joint Resolution Providi 85-12600  
 Smithsonian Institution Without Reimbursement the 85-12595  
 SMMR derived seasonal variations in the water vapo 85-13115  
 smokers' articles : TSUS items 751.05-751.25, 755. 85-12980  
 smooth and notched fiber composite flexural specim 85-13065  
 smoothing filter study, Radar data 85-13161  
 snow hydrology, Landsat-D investigations in 85-13368  
 " , Microwave remote sensing of 85-13373  
 social security benefits :desk guide., Taxation of 85-12644  
 " security rights and responsibilities :retir 85-12643  
 " security taxation :impacts on farm operatio 85-11999  
 Social Security between the United States and Norw 85-12639  
 " disability program., Improvements 85-12641  
 Social Security Act., Amendment of part A of Title 85-12635  
 Socialization into the student role :final report 85-12476  
 society based on work /, A 85-12432  
 socioeconomic technical report /, Sunnyside combin 85-12960  
 sodic coal mine spoils /, Viability of seed produc 85-11914  
 sodium batteries, Development of new intercalated 85-13205  
 soft inclusions on the strength of wrought materia 85-13277  
 software acceptance procedures, PDSS/IMC qualifica 85-13166  
 " development, Measures and metrics for 85-13091  
 " industry., A Competitive assessment of th 85-12118  
 " systems for steady-state visual evoked ex 85-13197  
 Software Development and Information Technology., 85-12553  
 softwood plywood industry in the United States, 19 85-11929  
 SOI corporation documentation guide 85-13564  
 soil /, Ten-year growth of five planted hardwood s 85-11928  
 " and Water Conservation District resources inv 85-11956  
 " conservation and water quality practices in t 85-11984  
 " erosion., Effects of land-use conversion on w 85-11967  
 " properties in a 10-year-old cottonwood planta 85-11927  
 " samples and methods of analysis for soil surv 85-11963  
 " sampling quality assurance user's guide / 85-12501  
 " stabilizers., U.S./U.S.S.R. joint studies on 85-12899  
 " survey., Procedures for collecting soil sampl 85-11963  
 " survey of Fulton County, Ohio / 85-11958  
 " survey of Gregory County, South Dakota / 85-11959  
 " survey of Harmon County, Oklahoma / 85-11960  
 " survey of Manatee County, Florida / 85-11962  
 " surveys., List of published 85-11961  
 Soil Conservation Service., Assistance available f 85-11857  
 soils /, Hydrologic characteristics of Nebraska 85-12739

- " and vegetation of the Apalachicola National 85-11880  
 solar and cosmic sources, High resolution hard x-r 85-13266  
 " and emitted radiations, Local effects of par 85-13218  
 " array project, Flat-plate 85-13347  
 " cell array in a plasma, Characteristics of a 85-13082  
 " cell encapsulants, Investigation of test met 85-13336  
 " cell encapsulants, Investigation of test met 85-13341  
 " cell metallization processing, Laser-assiste 85-13348  
 " cell metallization processing, Laser-assiste 85-13349  
 " cells, Development of an all-metal thick fil 85-13345  
 " cells, Surface and allied studies in silicon 85-13346  
 " flares, High resolution X- and gamma-ray spe 85-13210  
 " flares, The impulsive hard x-rays from 85-13452  
 " incidence angle over digital processing of L 85-13371  
 " parabolic dish annual technology evaluation 85-13229  
 " parabolic dish technology annual evaluation 85-13314  
 " photovoltaic powered refrigerator freezers f 85-13155  
 " photovoltaic powered refrigerators/freezers 85-13159  
 " physics, Research in 85-13173  
 " powered aircraft, Structural sizing of a 85-13198  
 " silicon ribbon material, Carbon, oxygen and 85-13342  
 " thermal collectors and power systems, CONC/1 85-13323  
 " thermal power plants, The kinematic stirling 85-13313  
 " thermal technology 85-13219  
 Solar Cells (July 25, 26 and 27, 1983, at Port St. 85-13334  
 solar-thermal cavity receivers, Second-law effie 85-13320  
 soldier's manual, Aircraft fire control repairer, 85-12271  
 " 's manual : skill level 1, MOS 93J, Air tr 85-12270  
 Soldier-leader's handbook : tools of the trade. 85-12239  
 solid rocket booster, Water impact test of aft ski 85-13167  
 " state lasers for remote sensing, Lead salt d 85-13356  
 " sulfur dioxide particles, The plumes of IO : 85-13445  
 " waste : Importation of 85-13833  
 " waste test cells /, Comparison of leachate c 85-12492  
 Solidification and leaching of boric acid and resi 85-13737  
 " technology, Advanced powder metallu 85-13201  
 solids and dominant chemical type in ground water, 85-12752  
 " and dominant chemical type in ground water, 85-12758  
 " and dominant chemical type in ground water, 85-12761  
 " and dominant chemical type in ground water, 85-12766  
 " and dominant chemical type in ground water, 85-12771  
 " and dominant chemical type in ground water, 85-12779  
 " and dominant chemical type in ground water, 85-12783  
 " and dominant chemical type in ground water 85-12786  
 Solomon Islands /, South Pacific Ocean, Papua New 85-12209  
 " , Solomon Islands /, South Pacific 85-12209  
 solution of the Cyprus problem, including any rele 85-13680  
 solutions for laminar separated flow past airfoils 85-13195  
 " for unsteady flow fields, Canonical 85-13096  
 Somalia, Cadale (Italia) to Baraawe /, Africa-east 85-12195  
 " , g. Raas Garmaal to g. Raas Cabaad, India 85-12196  
 SOMARPI for spreader, lifting frames, NSN 3990-01 85-12263  
 sonic flows, Acoustic shocks in a variable area du 85-13191  
 sophisticated munitions : DOD's 85-13867  
 Sorghum :background for 1985 farm legislation. 85-11868  
 sound and video recordings in the National Archive 85-12556  
 sounder Z mode observations, Field-aligned electro 85-13118  
 source for G/T measurements /, A preliminary inves 85-12090  
 " of atmospheric COS, CS<sub>2</sub> and CH 85-13436  
 sources /, Initialization of a mesoscale model for 85-13140  
 " and sinks for nitrous oxide and experiment 85-13436  
 " , High resolution hard x-ray spectra of sol 85-13266  
 " , Reference 85-12047  
 South Africa : , U.S. policy on 85-13861  
 " legislation : 85-13855  
 South America, Argentina-Uruguay-East Coast, Rio d 85-12165  
 " , Panama-Columbia and Venezuela-North 85-12168  
 " , Venezuela-Northeast coast, Serpents 85-12171  
 South American genus Otachyrium (Poaceae: Panicoid 85-13549  
 South Asia and U.S. foreign policy :December 12, 1 85-13521  
 South Atlantic States (Delaware, District of Colum 85-12021  
 South Carolina, Virginia, West Virginia), 1982 ce 85-12021  
 " , 1982 census of wholesale trade. G 85-12071  
 south-central Nebraska, Descriptive, geologic, and 85-12827  
 " Utah — Sunnyside STSA /, Draft air q 85-12730  
 " Utah, Hydrologic reconnaissance of t 85-12826  
 South-Central Colorado /, Quality of ground water 85-12788  
 South China Sea, Yongshu Jiao to Po-lang Chiao / 85-12212  
 " , Yongshu Jiao to Yongdeng Ansha /, 85-12210  
 South Dakota /, Soil survey of Gregory County, 85-11959  
 " , and for Other Purposes., An Act Pert 85-12592  
 " , Texas, and Wyoming :High Plains RASA 85-12747  
 South Korea-South coast, Donae Hae to Busan Hang ( 85-12214  
 South Pacific Ocean, Papua New Guinea and Solomon 85-12209  
 South Platte River, Denver metropolitan area, Colo 85-12791  
 South Pole /, Baseline acidity of ancient precipit 85-12325  
 Southeast /, Empirical yields of timber and forest 85-11907  
 " /, Use and cost of soil conservation and 85-11984  
 " , Forest research in the 85-11891  
 Southeast Asia to the Committee on Veterans' Affai 85-13936  
 southeastern Alaska, Map showing the distribution 85-12795  
 " Alaska, Map showing the distribution 85-12796  
 " Alaska, Map showing the distribution 85-12797  
 " Alaska, Map showing the distribution 85-12798  
 " Alaska, Map showing the distribution 85-12799  
 " Alaska, Map showing the distribution 85-12800  
 " Alaska, Map showing the distribution 85-12801  
 " Alaska, Map showing the distribution 85-12802  
 " Alaska, Map showing the distribution 85-12803  
 " Alaska, Map showing the distribution 85-12804  
 " Montana and northeastern Wyoming /, F 85-12744  
 " Uinta Basin, Utah and Colorado /, Qua 85-12740  
 southern Arizona /, The Schultze Granite, the Tea 85-12746  
 " California /, Maps showing distribution o 85-12761  
 " California oaks :identification and postf 85-11940  
 " Rocky Mountain Engelmann spruce and Doug 85-11924  
 Southern California /, Map showing outcrops of bas 85-12764  
 " /, Map showing outcrops of pre 85-12763  
 " /, Map showing outcrops of thi 85-12762  
 " /, Maps showing ground-water l 85-12760  
 " /, Maps showing ground-water u 85-12759  
 Southern Command in Central America : , The role of 85-13856  
 Southern Regional Research Center. 85-11966  
 southwest Georgia /, Land management programs for 85-11996  
 Southwest Florida Water Management District, Septe 85-12821  
 southwestern Kenai Peninsula west of the Port Grah 85-12830  
 " Wyoming /, The mid-Cretaceous frontie 85-12745  
 Soviet dissolved oxygen measurements in water by t 85-12098  
 Soviet Union., Permafrost regions in the 85-13514  
 " , Scientific and technical training in 85-13123  
 soybean industry :economic structure and policy in 85-11980  
 Soybeans :background for 1985 farm legislation. 85-11865  
 " using a row crop reflectance model, An an 85-13372  
 space /, Microgravity :a new tool for basic and ap 85-13132  
 " activities, Radiation protection for manned 85-13228  
 " applications center director's discretionary 85-13039  
 " applications, Design considerations for a 85-13112  
 " communications systems equipment operator/sp 85-12388  
 " energy conversion systems, 1982-1983, Basic 85-13260  
 " experimentation, Presentation of opportuniti 85-13270  
 " flight, A study of stress-free living bone a 85-13176  
 " :fluid dynamics numerical analysis, Manufact 85-13435  
 " launch vehicles. 85-13133  
 " physics at the University of Iowa :annual re 85-13442  
 " radiation effects on graphite-epoxy composit 85-13088  
 " radiation protection, A study of physical pr 85-13213  
 " resources, Research on the use of 85-13236

- " shuttle solid rocket booster, Water impact t 85-13167  
 " shuttle (STS-13) launch, Atmospheric environ 85-13041  
 " shuttle wing during reentry heating, Thermal 85-13106  
 " station 85-13308  
 " station, Feasibility study to conduct windbl 85-13454  
 " station financing, Alternative strategies fo 85-13443  
 " station needs, attributes and architectural 85-13289  
 " station needs, attributes, and architectural 85-13290  
 " station needs, attributes, and architectural 85-13291  
 " station needs, attributes, and architectural 85-13292  
 " station needs, attributes, and architectural 85-13293  
 " station needs, attributes, and architectural 85-13294  
 " station needs, attributes, and architectural 85-13298  
 " station needs, attributes, and architectural 85-13301  
 " station needs, attributes and architectural 85-13302  
 " station needs, attributes, and architectural 85-13303  
 " station needs, attributes, and architectural 85-13305  
 " station needs, attributes, and architectural 85-13306  
 " station needs, attributes and architectural 85-13309  
 " station needs attributes and architectural o 85-13248  
 " station needs, attributes & architectural op 85-13297  
 " station needs, attributes & architectural op 85-13304  
 " station needs, attributes & architectural op 85-13352  
 " station, Observations of the earth's magneti 85-13120  
 " station program, Study of robotics systems a 85-13295  
 " station propulsion analysis study 85-13073  
 " station :the next logical step / 85-13032  
 " structures, Finite element thermal-structura 85-13300  
 " structures, Reliability issues in active con 85-13417  
 " structures-VI, The Dynamics and control of l 85-13363  
 " , Aeronautics and 85-12561  
 " , Aeronautics and 85-12562  
 " , CFR, 14, Aeronautics and 85-12561  
 " , CFR, 14, Aeronautics and 85-12562  
 " .. Code of federal regulations, 14, Aeronauti 85-12561  
 " .. Code of federal regulations, 14, Aeronauti 85-12562  
 " , Crystal growth of device quality GaAs in 85-13208  
 " , Crystal growth of device quality GaAs in 85-13337  
 " , 6-7 December 1984, Space Symposium 1984 :A 85-12220  
**Space Administration** for characterization of physi 85-13438  
 " for contract #NAS5-24486, Fin 85-13415  
 " , Langley Research Center on g 85-13441  
**Space Administration Authorization Act** :report (to 85-13667  
**Space Engineering Board**, Commission on Engineering 85-13247  
**Space Processing Applications Rocket** project 85-13035  
**Space Symposium** 1984 :America plans for space, 6-7 85-12220  
**Space Workshop** minutes, October 27-28, 1982, Mater 85-13246  
**Spaceborne Imaging Radar Symposium** 85-13215  
**spacecraft** antenna system, Autonomous omnidirectio 85-13406  
 " bubble memory systems, Investigation of 85-13103  
 " reflections on RF interferometer positi 85-13413  
**Spain**, Cabo Silleiro to Cabo Penas /, North and we 85-12173  
 " , Mineral industry of 85-12937  
 " .. Preprint from the ... Bureau of Mines Mine 85-12937  
**Spain-southeast coast**, Cartagena to Cabo de San An 85-12187  
**span** EET high-lift research model in Langley 4- by 85-13042  
**Spanish** moss /, Factor analysis of the chemistry o 85-12743  
 " version., Public affairs information packa 85-12642  
**Spanish-speaking** backgrounds /, A comparison of bi 85-12468  
**spanworm**., Bruce 85-11951  
**Spare** parts legislation : 85-13789  
**Spartan** release engagement mechanism (REM) stress 85-13354  
**Spatial** reasoning to determine stream network from 85-13405  
 " , radiometric and spectral thematic mapper 85-13242  
 " , radiometric and spectral thematic mapper 85-13420  
**Speaker** from the House of Representatives Page Boa 85-13934  
 " transmitting a report to the United States 85-13678  
**Special** analyses, budget of the United States Gove 85-13501  
 " bibliography /, Publications of the Exobio 85-13128  
 " populations /, A policy analysis of profes 85-12429  
 " populations in vocational education /, An 85-12428  
 " projects for improvement in nurse training 85-12717  
 " properties for ordinary and partial differ 85-13311  
 " publications., National Bureau of Standard 85-12550  
 " tools list for radio frequency plug-in, We 85-12262  
 " tools list for selected items of secondary 85-12261  
 " tools lists :compressor, rotary, air, whe 85-12258  
 " tools lists :drier-mixer, bituminous-concr 85-12255  
 " tools lists (including depot maintenance r 85-12258  
 " tools lists :roller, motorized, gasoline e 85-12256  
 " tools lists :roller, motorized, gasoline e 85-12257  
 " tools lists) together with supplemental op 85-12263  
**Special Counsel**., The role of the Office of 85-13029  
**specialist** (AFSC 24250) /, Disaster preparedness 85-12384  
 " (AFSC 27132) /, Apprentice operations s 85-12385  
 " (AFSC 30456) /, Space communications sy 85-12388  
 " (AFSC 32853) /, Electronic warfare syst 85-12391  
 " (AFSC 34152) /, Defensive system traine 85-12392  
 " (AFSC 34152) /, Defensive system traine 85-12393  
 " (AFSC 39250) /, Maintenance scheduling 85-12394  
 " (AFSC 56651) /, Environmental support 85-12399  
 " (AFSC 62251) /, Diet therapy 85-12400  
 " (AFSC 66150) /, Logistics plans 85-12402  
 " (AFSC 79151), Radio and television bro 85-12405  
 " trainees :I, age, biographic factors, 85-13618  
 " .. Medical 85-12269  
**specialty** chemicals : TSUS items 401.02, 401.04, 4 85-12972  
**species** (Amphibia: Anura, Leptodactylidae) /, Vari 85-13547  
 " in relation to nuclear power plant operati 85-13249  
 " with mechanical weed control on Sharkey cl 85-11928  
**specification** for a square-faceted tetrahedral tru 85-13189  
**specifications**, Byron Station, Unit no. 1, docket 85-13716  
 " , Callaway Plant, Unit no. 1 :docket 85-13713  
 " , tolerances, and other technical re 85-12086  
 " , Waterford Steam Electric Station, 85-13712  
**specifications-master** files, IMPAC NIH : a compute 85-12651  
**specimen** development, Mode II fatigue crack growth 85-13078  
**specimens** by moire interferometry /, Deformation m 85-13145  
 " , Dynamic stress analysis of smooth and n 85-13065  
**spectra** of solar and cosmic sources, High resoluti 85-13266  
**spectral** analysis of CFCI 85-13224  
 " assignment using reduced-order models and 85-13241  
 " discrimination between corn and soybeans 85-13372  
 " thematic mapper performance for coastal s 85-13242  
 " thematic mapper performance for coastal s 85-13420  
**spectrometer** /, Neutron dosimetry at commercial nu 85-13730  
**spectroradiometric** calibration of the thematic map 85-13383  
 " calibration of the thematic map 85-13437  
**spectroscopic** analysis, Determination of the succi 85-13036  
**spectroscopy** /, In situ analysis of corrosive and 85-12493  
 " of solar flares, High resolution X- a 85-13210  
**speed** inviscid compressible flow by the finite ele 85-13262  
**Speed-dependent** collision effects on radar back-sc 85-13204  
**Spinning** mode acoustic radiation from the flight i 85-13190  
**splines**, Two-dimensional 85-13360  
**spoils** /, Viability of seed produced on highly sod 85-11914  
**sprays** directed against the gypsy moth., Panoramic 85-11879  
 " , Combustion characteristics in the transiti 85-13430  
**spread**, lifting frames, NSN 3990-01-128-0089 (li 85-12263  
**springs**, and depth to ground water, basin and rang 85-12751  
 " , and depth to ground water, basin and rang 85-12760  
 " , and depth to ground water, basin and rang 85-12770  
 " , and depth to ground-water, basin and rang 85-12775  
 " , and depth to ground-water, basin and rang 85-12778  
 " , and depth to ground water, basin and rang 85-12782  
 " , and depth to ground waters, basin and ran 85-12757  
 " , and depth to ground waters, basin and ran 85-12765

- " , and depth to ground waters, basin and ran 85-12785  
 Sprinkle treatment of bituminous concrete for impr 85-13599  
 sprinkler only, NSN 3895-00-902-8455, Direct supp 85-12257  
 " only, NSN 3895-00-952-5840, Huber model 85-12256  
 " , NSN 3895-00-902-8455, w/sprinkler only, 85-12256  
 " , NSN 3895-00-952-5840, Huber model E1012 85-12257  
 sprout canker., Oak 85-11952  
 spruce and Douglas-fir seedlings /, Optimum temper 85-11924  
 " budworm populations : September 13-15, 1983 85-11938  
 " budworms situation in North America, 1982. 85-11856  
 spar and helical gears with modified center distan 85-13079  
 " gears, An investigation of the transient ther 85-13080  
 " gears, Efficiency of nonstandard and high con 85-13081  
 square-faceted tetrahedral truss, Hinge specificat 85-13189  
 squares algorithm and a maximum likelihood estimat 85-13143  
 SRB filament wound case in the NSWC Hydroballistic 85-13168  
 SS Marine Electric, O.N. 245675, capsizing and sin 85-13623  
 St. Albans Bay, Vermont /, Recreation benefits fro 85-11988  
 stability analysis code for transition prediction 85-13149  
 " of couette flow, Complex eigenvalues for 85-13179  
 stabilizers., U.S./U.S.S.R. joint studies on plast 85-12899  
 stack technology development, Full scale phosphori 85-13394  
 Staff essay competition., Essays on strategy sele 85-12222  
 staffing levels and OSHA hazard communication stan 85-13817  
 staging air systems for nitric oxide reduction in 85-12510  
 stainless steel submerged arc weld cladding overla 85-13739  
 stakes in carnival fraud /, Raising the 85-12995  
 Stand structure and yields of site-prepared loblol 85-11943  
 " , United Manufacturing Company, models APS, t 85-12295  
 standard capacitors fixed and variable (general), 85-12281  
 " for BB-61 class engineering qualification 85-12354  
 " for C-2A aircraft :qualification section 85-12348  
 " for C-2A aircraft :qualification section 85-12349  
 " for FF-1052 class command and control qua 85-12351  
 " for H-1 helicopter qualification section 85-12356  
 " for MK-37 gunfire control system (GFCs), 85-12355  
 " for MK 68 gunfire control system (GFCs), 85-12352  
 " for ships' maintenance and material manag 85-12350  
 " for surface electronic warfare operations 85-12353  
 " metropolitan statistical areas. Colorado. 85-12051  
 " metropolitan statistical areas. Utah., 19 85-12052  
 Standard "B" ration for the armed forces. 85-12266  
 standards /, Optical fiber communications link des 85-12116  
 " : OSHA hearings—state staffing levels a 85-13817  
 " (augmented), AN/GSM-287, (NSN 6695-01-08 85-12268  
 " calibration set AN/GSM-259 (NSN 4931-01- 85-12261  
 " provisions applicable to contracts cover 85-13016  
 " special publications., National Bureau o 85-12550  
 " 108, 202, 204, and 214 /, Estimation of 85-13629  
 standing rules, orders, laws, and resolutions affe 85-13659  
 " wave analysis, Flutter and forced respons 85-13261  
 stands /, Rate of value change in Pennsylvania tim 85-11899  
 " of the Alleghenies /, Prescribing silvicult 85-11939  
 Starr, and Willacy Counties, Texas /, Land protect 85-12953  
 start the Army Medical Team., A Good place for a 85-12299  
 Starter :a notebook for new teachers. 85-12454  
 state agricultural experiment stations and other c 85-11875  
 " and county mental hospitals, United States, 85-12711  
 " and future prospects of the U.S. photovoltaic 85-13926  
 " and Local Governments Receiving Federal Fina 85-12583  
 " and Local Officials and Small Business Initi 85-13540  
 " and Local Officials on Small Business, Decem 85-13541  
 " directory /, Nevada, Utah ZIP4 85-13479  
 " directory /, Washington ZIP4 85-13480  
 " directory. Nevada, Utah, ZIP4 85-13479  
 " directory. Washington, ZIP4 85-13480  
 " :final report of Maine's Home Equity Convers 85-12721  
 " institutions., Directory of professional wor 85-11875  
 " institutions, Professional workers in state 85-11875  
 " lasers for remote sensing, Lead salt diode l 85-13356  
 " laws and published ordinances, firearms. 85-13583  
 " laws and regulations governing settlement of 85-13597  
 " maternal and child health (Title V) programs 85-12716  
 " of Arizona : The need for a national vetera 85-13937  
 " of Arizona as Wilderness, and for Other Purp 85-12573  
 " of Arkansas for Inclusion in the National Wi 85-12588  
 " of the U.S. automobile industry : 85-13836  
 " of the U.S. footwear industry : 85-13843  
 " role brings program and administrative chang 85-12535  
 " severance taxes : 85-13839  
 " staffing levels and OSHA hazard communicatio 85-13817  
 " , Prime contract awards by 85-12135  
 " , the Judiciary, and related agencies appropri 85-13777  
 " , 1982 /, Distribution of psychiatric beds, U 85-12712  
 State Justice Institute Act of 1984 :report (to ac 85-13669  
 State Unemployment Compensation Laws., An Act to A 85-12625  
 statement /, Proposed John Day resource management 85-12728  
 " : Medicine Bow National Forest and Thund 85-11947  
 " on the Circle Cliffs combined hydrocarbo 85-12727  
 " related to decontamination and disposal 85-13704  
 " related to the operation of Beaver Valle 85-13715  
 " related to the operation of Millstone Nu 85-13714  
 " , Scoping the Utah statewide wilderness 85-12731  
 " , Westmoreland Resources' Absaloka Mine 85-12732  
 statements of the Export-Import Bank of the United 85-12533  
 statewide wilderness environmental impact statemen 85-12731  
 static and flight tests /, Study of stator-vane fl 85-13460  
 station A (Norway) /, Omega propagation correction 85-12153  
 " C (Hawaii) /, Omega propagation correction 85-12155  
 " D (North Dakota) /, Omega propagation corr 85-12159  
 " E (Reunion) /, Omega propagation correctio 85-12151  
 " financing, Alternative strategies for spac 85-13443  
 " G (Australia) /, Omega propagation correct 85-12152  
 " G (Australia) /, Omega propagation correct 85-12157  
 " G (Australia) /, Omega propagation correct 85-12158  
 " H (Japan) /, Omega propagation correction 85-12154  
 " needs, attributes, and architectural optio 85-13290  
 " needs, attributes, and architectural optio 85-13291  
 " needs, attributes, and architectural optio 85-13292  
 " needs, attributes, and architectural optio 85-13293  
 " needs, attributes, and architectural optio 85-13294  
 " needs, attributes, and architectural optio 85-13301  
 " needs, attributes, and architectural optio 85-13303  
 " needs, attributes, and architectural optio 85-13305  
 " needs, attributes, and architectural optio 85-13306  
 " needs, attributes and architectural option 85-13289  
 " needs, attributes and architectural option 85-13298  
 " needs, attributes and architectural option 85-13302  
 " needs, attributes and architectural option 85-13309  
 " needs attributes and architectural options 85-13248  
 " needs, attributes & architectural options, 85-13297  
 " needs, attributes & architectural options, 85-13304  
 " needs, attributes & architectural options, 85-13352  
 " ownership : Broadcast regulation and 85-13832  
 " program, Study of robotics systems applica 85-13295  
 " propulsion analysis study, Space 85-13073  
 " :the next logical step /, Space 85-13032  
 " , Feasibility study to conduct windblown se 85-13454  
 " , Observations of the earth's magnetic fiel 85-13120  
 " , Space 85-13308  
 " , The construction of a highly transportabl 85-13434  
 Station F (Argentina) /, Omega propagation correct 85-12150  
 stationary structures under marine conditions /, l 85-12324  
 stations and other cooperating state institutions. 85-11875  
 " near the Goat Rocks wilderness area, Wash 85-12807  
 statistical areas. Colorado., 1982 census of retai 85-12051  
 " areas. Utah., 1982 census of retail tr 85-12052

- " correlation of structural mode shapes 85-13114  
training programs, 1985-1986. 85-12019
- statistics** /, Highway 85-13593  
" for the northern coastal plain of North 85-11933  
" of income and related administrative re 85-13565  
" of income. Corporation income tax retur 85-13564  
" of the United States., Vital 85-12691  
" survey. Pacific coast., Marine recreati 85-12106  
" survey. Pacific coast., Marine recreati 85-12107  
" :tables, graphs, & charts /, Descriptiv 85-12696  
" .. Affirmative employment 85-13487  
" .. Annual summary /, Federal milk order m 85-11850  
" .. D.I.D.S. procedures manual. Vol. 14, R 85-12227  
" .. Defense Integrated Data System DIDS p 85-12227  
" .. DIDS procedures manual. Vol. 14, Repor 85-12227  
" .. Reports and 85-12227  
" .. 1960-83 /, Agricultural finance 85-11849
- statuator-vane** fluctuating pressures in a turbofan en 85-13460  
**status** /, Topical report review 85-13748  
" as of the date of final adjournment /, Inde 85-13884  
" of air traffic control system : 85-13798  
" of coal supply contracts for new electric g 85-12419  
" of dry SO<sub>2</sub> control systems :fall 85-12513  
" of forces policies, procedures, and informa 85-12251  
" of research at the Institute for Computer A 85-13187  
" of the Federal Reserve System., The budgeta 85-13945  
" of the R&D program following the accident a 85-13922  
" of the technical infrastructure to support 85-13921  
" of the U.S. domestic uranium mining and mil 85-13822  
" of U.S. marine research : 85-13908  
" of U.S. postal service : 85-13915
- statutes** enacted by the 98th Congress., Handbook o 85-12989  
**steady** and unsteady flows, Embedded cavity drag in 85-13192  
**steady-state** visual evoked experimentation, The VE 85-13197  
**steam-reformed** methanol as automotive engine fuels 85-13157  
**steel industry** : U.S. 85-13841  
" mill products 85-12040  
" mill products /, Current industrial reports. 85-12040  
" plant wastewaters : a resource document /, To 85-12495  
" submerged arc weld cladding overlay /, Charp 85-13739
- step** /, Space station : the next logical 85-13032  
**sticking** of insect residues to aircraft wings, A F 85-13310  
**stiff** ordinary differential equations arising in c 85-13467  
**still** successful after 11 years /, Nuttall oak dir 85-11926  
**stimulated** fabric filtration /, Cost and performan 85-12516  
**stimulus** control /, Instrumentation considerations 85-12452  
**Stirling** engine alloys after long-term aging at 76 85-13061  
" engine as an energy conversion subsystem 85-13313
- STN** 50-454 : appendix "A" to license no. NPF-23., 85-13716  
" 50-483 : appendix "A" to license no. NPF-30. 85-13713  
" 50-483 : Union Electric Company., Safety evalua 85-13708
- stock** number 4920-508-6345., Calibration procedure 85-12295  
**Stockholm** conference : a report on the first year : 85-13518  
**stocks** /, Current industrial reports. MA-24T, Lumb 85-12037  
" in southern Arizona /, The Schultze Granite 85-12746  
" .. Lumber production and mill 85-12037
- storage** and generation systems, Effects of voltage 85-13318  
" and handling pocketbook., Hazardous materi 85-12229  
" and maintenance procedures with illustrate 85-12375  
" and maintenance procedures with illustrate 85-12376  
" and maintenance procedures with illustrate 85-12377  
" and outloading drawings for ammunition., L 85-12272  
" and processing of large arrays, A model fo 85-13180  
" at Kilauea Volcano, Hawaii, 1956-1983 /, M 85-12734  
" :field training workbook for quality assur 85-12237  
" .. inspection, care and preservation : HAWK 85-12264  
" .. Instructions for forecasting decay in ta 85-11968
- stores** (industry 5411), 1982 census of retail tra 85-12049  
**storm** environment during AVE-SESAME V (20-21 85-13139  
May 1
- storm-runoff** data and the effects on the South Pla 85-12791  
**storms** operations plan /, National winter 85-12097  
**Storo** /, Denmark Strait, Greenland (Denmark)-east 85-12178  
**Stotts**., Toward an understanding of 85-12126  
**stove** emissions using improved secondary combustio 85-12505  
**stoves**., Coal and wood burning heating 85-13696  
**strain** range version of strainrange partitioning / 85-13404  
" tolerant thermal barrier coating systems, P 85-13237  
**strainrange** partitioning /, Reliability considerat 85-13404  
**strategic** forces : communication from the President 85-13673  
" forces, pursuant to subsection 7 of Titl 85-13673  
" materials : technologies to reduce U.S. i 85-13756  
" petroleum reserve : 85-13835  
" petroleum reserve : Problems with distr 85-13873
- strategies** /, Nuclear power plant personnel qualif 85-13728  
" and planning guide., Drunk driving publ 85-13635  
" for space station financing, Alternativ 85-13443  
**strategy** /, The Art and practice of military 85-12221  
" for technological update of vocational/ t 85-12433  
" :selections from the 1983 Joint Chiefs of 85-12222
- Stratigraphic** nomenclature for the upper Devonian 85-12736  
**stream** /, Planning work in a 85-12328  
" network from LANDSAT imagery, Spatial reaso 85-13405  
**streamflow** in the southeastern Uinta Basin, Utah a 85-12740  
" summaries from twelve tributaries of Fa 85-11937  
**streams** in the United States /, Evaluation of envi 85-12741  
**Strength** and diplomacy : toward a new consensus? 85-13523  
" of power transmission shafting and their 85-13048  
" of wrought materials, Influence of soft i 85-13277  
" properties of T300/S208 graphite-epoxy, T 85-13280  
" .. fracture toughness, impact resistance an 85-13066
- Strengthen** and Expand the Economic Base of the Nat 85-12596  
**strengthened** sheet alloy combustor liner /, Materi 85-13399  
" sheet alloy combustor liner /, Materi 85-13400  
**stress** analysis of smooth and notched fiber compos 85-13065  
" and fracture analysis, Spartan release enga 85-13354  
" effects on thermal barrier coating burner r 85-13056  
" in western coniferous forests /, Documentat 85-11905
- stress-free** living bone and its application to spa 85-13176  
**stresses** in cross-ply composite tubes, Residual 85-13252  
**stringers** in the Armed Forces /, Handbook for 85-12141  
**strips**., Cartoons and comic 85-13021  
**stroke** channels, Tortuosity of lightning return 85-13119  
" .. September 30, 1984., A Guide to the Nation 85-12679  
**strong** adverse pressure gradient turbulent boundar 85-13441  
" .. ! : women in defense., Going 85-12132
- strontium** and lanthanum in bedrock samples, wester 85-12803  
**structural** adhesives, Nonlinear viscoelastic chara 85-13193  
" dynamic loads of the Mod-2 wind turbine 85-13062  
" elements of the Kentucky and Tennessee 85-13411  
" glass (Vitrolite and Carrara glass), T 85-12951  
" mode shapes from test measurements and 85-13114  
" sizing of a solar powered aircraft 85-13198  
" synthesis system (PROSS), An implementa 85-13043  
" synthesis system (PROSS), An implement 85-13045
- Structure** and Functioning of the Government by Rat 85-12599  
" and policy interventions /, The Brazilia 85-11980  
" and yields of site-prepared loblolly pin 85-11943  
" .. competition, and public policy /, The c 85-13754
- Structures** and Dynamics Division 85-13100  
" .. the energy efficient residence (EER-2) 85-12723  
" .. under marine conditions /, Icing rate o 85-12324  
" .. with noncolocated sensors and actuators 85-13423  
" .. Finite element thermal-structural anal 85-13300  
" .. NASTRAN forced vibration analysis of r 85-13362  
" .. Reliability issues in active control o 85-13417  
" .. Test device and test procedure to ass 85-13632
- structures-VI**, The Dynamics and control of large f 85-13363

- STS-3 orbiter on the ionosphere, Effects of chemical 85-13171  
 STS-8 BET results 85-13183  
 STS-13) launch, Atmospheric environment for space 85-13041  
 Student handout: noise in Army aviation, 23-4507-1 85-12309  
 " role: final report /, Socialization into t 85-12476  
 " text for seminar in leadership and management 85-12244  
 " time on task /, Influences on secondary an 85-12430  
 " workbook: human requirements of flight / 85-12380  
 students: final research report /, Mathematics lea 85-12445  
 " from Spanish-speaking backgrounds /, A co 85-12468  
 " to perform meaningful work in nonsheltere 85-12455  
 studies /, Drive-to-tree, rubber-tired feller bunc 85-11944  
 " in New York State and adjacent areas /, Ea 85-13721  
 " in rats of the propylene glycol butyl ethe 85-12486  
 " in silicon solar cells, Surface and allied 85-13346  
 " of Chapter 2 in selected states /, Kaleido 85-12471  
 " of gear cooling using an automatic finite 85-13077  
 " of meteorites and lunar samples, Mineralog 85-13424  
 " of particulate removal from diesel exhaust 85-12503  
 " of poststrike air traffic control speciali 85-13618  
 " of residential photovoltaics, Synthesis of 85-13350  
 " of the source of atmospheric COS, CS 85-13436  
 " of x-ray emission from supernova remnants 85-13428  
 " on metallic alloys in pressurized oxygen / 85-12089  
 " on plastic films and soil stabilizers, U. 85-12899  
 " .. Blowing the whistle in the federal gover 85-13030  
 " .. Catalog of completed research 85-13539  
 " .. Compendium of HHS evaluation 85-12637  
 " .. Evaluation of spatial, radiometric and sp 85-13242  
 " .. Evaluation of spatial, radiometric and sp 85-13420  
 " .. High precision measurements in crustal dy 85-13287  
 Studies Program, CFDA number 84.017., Application 85-12422  
 style guide for CBO: about writing and word usage. 85-13946  
 " manual., Patents and trademarks style manual 85-12093  
 " manual: a supplement to the United States Go 85-12093  
 styles of Chinese immigrant students: final resear 85-12445  
 subalpine watersheds of the Fraser Experimental Fo 85-11904  
 subassemblies thereof from Japan: determination of 85-12984  
 Subject series. Textile machinery in place (major 85-12034  
 subjects working in the cold /, Blood volume respo 85-12341  
 submerged arc weld cladding overlay /, Charpy toug 85-13739  
 subsatellite, Investigation of dynamic noise affec 85-13264  
 subseal cement kiln for NOx reduction /, Combusti 85-12508  
 subsection 7 of Title V, Public Law 97-377., Revie 85-13673  
 Subsistence and, An Act to Amend Title 38, United 85-12602  
 subsonic flow, Progress on a generalized coordinat 85-13182  
 " or supersonic linear potential flows abou 85-13136  
 " transport project, Integrated application 85-13138  
 substances and nonfood compounds authorized for us 85-11855  
 substrate chemical pretreatment on the tribologica 85-13047  
 subsystem for paraboloidal dish solar thermal powe 85-13313  
 " MPP disk 85-13407  
 subtask C, He neutron spectrometer /, 85-13730  
 succeed the Agriculture and Food Act of 1981 /, Lo 85-13767  
 success /, Studies of poststrike air traffic contr 85-13618  
 " .. Opening doors for 85-13697  
 successful after 11 years /, Nuttall oak direct se 85-11926  
 succinonitrile-benzene and succinonitrile-cyclohex 85-13036  
 succinonitrile-cyclohexanol phase diagrams by ther 85-13036  
 Such Center Shall Be Designated as the "Harry R.E 85-12586  
 Such Time as the Principal Visitor Center Is Estab 85-12586  
 Sugar: background for 1985 farm legislation. 85-11871  
 suitable for sampling flying bark beetles /, A pas 85-11915  
 sulfur and trace elements /, Correlation of coal p 85-12507  
 " dioxide particles, The plumes of IO: a dete 85-13445  
 " emissions: summary of comments and response 85-12522  
 sulfuric acid corrosion and mechanical wear of iro 85-13075  
 sum of squares algorithm and a maximum likelihood 85-13143  
 Sumatera-east coast, Selat Bangka and Selat Gelasa 85-12202  
 " coast with offlying islands, Singapo 85-12203  
 Sumatera-West Coast, Padang to Bengkulu including 85-12201  
 summaries from twelve tributaries of Farmington Cr 85-11937  
 summary /, Career after college: establishing t 85-12458  
 " /, Federal milk order market statistics. A 85-11850  
 " /, Lower Mississippi River regional barge 85-13640  
 " and analysis of hearing on "Improving the 85-13919  
 " cost analysis, policy analysis, and other 85-12446  
 " for Alturas and East Shasta planning areas 85-12967  
 " of accidents investigated by the Federal R 85-13605  
 " of activities: 85-13687  
 " of activities, January 1 - March 31, 1984, 85-13247  
 " of airworthiness directives for large airc 85-13613  
 " of airworthiness directives for large airc 85-13614  
 " of airworthiness directives for small airc 85-13613  
 " of airworthiness directives for small airc 85-13614  
 " of comments and responses., Method 16A for 85-12522  
 " of corrections: 85-12144  
 " of corrections: 85-12145  
 " of corrections: 85-12146  
 " of corrections: 85-12147  
 " of corrections: 85-12148  
 " of photovoltaic system performance models 85-13325  
 " of radiometric anomalies in Alaska 85-12806  
 " of research programs and facilities. 85-12954  
 " of trade and tariff information: agricultu 85-12978  
 " of trade and tariff information: animal fe 85-12970  
 " of trade and tariff information: artists' 85-12976  
 " of trade and tariff information: benzenoid 85-12972  
 " of trade and tariff information: body-supp 85-12971  
 " of trade and tariff information: butadiene 85-12974  
 " of trade and tariff information: certain o 85-12973  
 " of trade and tariff information: fan, blow 85-12979  
 " of trade and tariff information: fertilize 85-12975  
 " of trade and tariff information: pulp and 85-12977  
 " of trade and tariff information: umbrellas 85-12980  
 " prehistory and ethnography of Olympic Nati 85-12946  
 " report /, Residential water conservation p 85-12724  
 " report on the regional geology, petroleum 85-12837  
 " .. An American sunrise: the Vietnam Veteran 85-12012  
 " .. Climate impact assessment. Foreign count 85-12103  
 " .. Climate impact assessment. Foreign count 85-12104  
 " .. Fish meal and oil, annual 85-12105  
 " .. Information technology R&D: critical tre 85-13755  
 " .. Noncitrus fruits & nuts. Annual 85-11974  
 " .. Power program 85-13758  
 " .. Price River Resource Area management fra 85-12959  
 summer high school apprenticeship research program 85-13090  
 Sumter County, Florida, May 1983, Potentiometric s 85-12818  
 sun as a source for G/T measurements /, A prelimi 85-12090  
 Sunnyside combined hydrocarbon lease conversion: s 85-12960  
 sunrise: the Vietnam Veterans Leadership Program: 85-12011  
 " :the Vietnam Veterans Leadership Program: 85-12012  
 supercomputers to computational aerodynamics, Appl 85-13111  
 supercritical airfoils with different maximum thic 85-13033  
 " fluid extraction /, A review of 85-12087  
 Superfund Expansion and Protection Act of 1984: 85-13941  
 Superintendent of Documents., Computers: a selecti 85-12538  
 superintendents: final report on grant no. G-80-01 85-12448  
 supernova remnants and other non-equilibrium astro 85-13428  
 supersonic linear potential flows about arbitrary 85-13136  
 supervisor (AFSC 64570) /, Inventory management 85-12401  
 " 's guide to the commissioned personnel s 85-12647  
 supervisors at cargo terminals., All about radioac 85-13637  
 " guide to attendance improvement. 85-13489  
 Supplemental appropriations: communication from th 85-13674  
 " appropriations for fiscal year 1984 a 85-13674  
 " operating maintenance and repair part 85-12263

<b>Supplementary Aviation Weather Reporting Stations)</b> and limited Aviation Weather Reporting Stations		
<b>supplements #1 and #2 between NASA and the Department</b>	85-12016	
<b>supply</b> and demand implications for development as	85-13414	
and storage at Kilauea Volcano, Hawaii, 195	85-11987	
catalog.	85-12734	
contracts for new electric generating units	85-13648	
schedule ; General Services Administration	85-12419	
demand, and prices of U.S. rice / Factors	85-13871	
<b>support</b> and depot manual shipment, handling, stor	85-12000	
and general support maintenance repair par	85-12264	
and general support maintenance repair par	85-12255	
and general support maintenance repair par	85-12257	
and general support maintenance repair par	85-12258	
and general support maintenance repair par	85-12261	
domestic food irradiation ; The status of	85-12262	
maintenance repair parts and special tools	85-12255	
maintenance repair parts and special tools	85-12257	
maintenance repair parts and special tools	85-12258	
maintenance repair parts and special tools	85-12261	
maintenance repair parts and special tools	85-12262	
manual waterbody surveys and assessments	85-12525	
specialist (AFSC 56651) / Environmental	85-12399	
Advice and	85-12335	
general support and depot manual shipment	85-12264	
supported by the National Science Foundation, Dir	85-13471	
<b>Supreme Court</b> , Amendments to the rules of criminal	85-13677	
<b>surface</b> acoustic wave devices to radio telemetry,	85-13273	
analysis, Tribological applications of	85-13069	
and allied studies in silicon solar cells	85-13346	
chemistry on hot corrosion life, Effects o	85-13398	
coal mined area in Randolph County, Illino	85-12793	
electronic warfare operations., Personnel	85-12353	
height estimation using complex SAR data,	85-13225	
material, Magnetic properties of Martian	85-13243	
of the Floridan aquifer in central Sumter	85-12818	
of the Floridan aquifer Southwest Florida	85-12821	
pressure fluctuations in strong adverse pr	85-13441	
properties, Martian	85-13223	
winds over the global oceans, Nimbus 7 SMM	85-13115	
<b>Surface Transportation Assistance Act</b> of 1982 ; R	85-13932	
<b>surface-water</b> data for the Huntington 30 x 60-minu	85-12892	
data for the Manti 30 x 60 -minute q	85-12889	
data for the Nephi 30 x 60 -minute q	85-12890	
data for the Price 30 x 60 -minute q	85-12891	
<b>surfaces</b> by laser-excited Raman spectroscopy / In	85-12493	
<b>surficial</b> aquifers in the Pomme de Terre and Chipp	85-12789	
deposits and landforms of the Nogahabara	85-12824	
<b>surplus</b> areas / Prime contract awards in labor	85-12136	
areas / Prime contract awards in labor	85-12137	
areas / Prime contract awards in labor	85-12138	
areas / Prime contract awards in labor	85-12139	
crops on irrigated land served by the U.S.	85-11986	
personal property., Sale of federal	85-12555	
<b>surround</b> response functions in cybernetic vision,	85-13094	
<b>surveillance</b> of infections criterion test., Condu	85-12703	
<b>survey</b> findings : a report of the U.S. Merit Syste	85-13030	
of compounds which have been tested for car	85-12660	
of compounds which have been tested for car	85-12661	
of Fulton County, Ohio / Soil	85-11958	
of gas-side fouling measure devices, A	85-13322	
of Gregory County, South Dakota / Soil	85-11959	
of Harmon County, Oklahoma / Soil	85-11960	
of Income and Program Participation., Fact	85-12018	
of Manatee County, Florida / Soil	85-11962	
of U.S. shipbuilding and repair facilities	85-13644	
working papers / The National crime	85-13006	
" Cleveland, Ohio, metropolitan area / Area	85-13013	
" Columbus, Ohio, metropolitan area / Area	85-13015	
" Indianapolis, Indiana, metropolitan area /	85-13014	
" Pacific coast., Marine recreational fisher	85-12106	
" Pacific coast., Marine recreational fisher	85-12107	
" Procedures for collecting soil samples an	85-11963	
" United States and regions. Part C, Financi	85-12045	
<b>surveys</b> and assessments for conducting use attaina	85-12525	
" List of published soil	85-11961	
<b>Surviving Spouses</b> and Children of Veterans, to Inc	85-12602	
<b>survivors</b> benefits., Your social security rights a	85-12643	
<b>suspect</b> carcinogens in combustion emissions / Can	85-12509	
<b>Sweden</b> and Finland, Gulf of Bothnia / Baltic Sea,	85-12184	
" Mineral industry of	85-12938	
" Preprint from the ... Bureau of Mines Min	85-12938	
<b>Sweden-east</b> coast, Gotland / Baltic Sea,	85-12185	
<b>Sweetgum</b> volume and weight tables /	85-11912	
<b>swept-wing</b> flows, Six-month progress report on an	85-13312	
<b>Swirl</b> , expansion ratio and blockage effects on con	85-13425	
<b>swirling</b> air flow / An experimental investigation	85-13141	
" flowfields, Turbulence characteristics of	85-13426	
recirculating flow predictions, Confined	85-13431	
<b>switches</b> ., K-band latching	85-13158	
<b>switching</b> regulators, Input filter compensation fo	85-13263	
" voltage regulators for terrestrial photo	85-13050	
<b>symmetric</b> flight with an intermediate vehicle mode	85-13211	
<b>symposium</b> , August 8, 1984, Colorado State Universi	85-11942	
<b>synchronization</b> properties of the outer code in a	85-13257	
<b>synchronizer</b> , Weinschel engineering model 4311B op	85-12277	
<b>syndrome</b> ., Reye's	85-12658	
<b>synthesis</b> applied to a control-configured aircraft	85-13162	
" of major economic studies of residential	85-13350	
" system (PROSS), An implementation of the	85-13043	
" system (PROSS), An implementation of th	85-13045	
" technique using a personal computer / A	85-12362	
<b>synthetic</b> aperture radar and the NASA/JPL L- and C	85-13232	
<b>Synthetic Fuels Corporation</b> oversight :	85-13876	
<b>system</b> / Collection efficiency evaluation of merc	85-12515	
" / Development/deployment investigation of	85-13626	
" Status of air traffic control	85-13798	
" analysis program for ice containment analys	85-13744	
" between III Corps and Ft Hood and program m	85-12238	
" design and operation / Miniature acid-con	85-12498	
" design, MLS/airplane	85-13200	
" for solar cells, Development of an all-meta	85-13345	
" for the national transonic facility, Video	85-13092	
" for the Pushbroom Microwave Radiometer		
(PBM	85-13098	
" (GFCS), Personnel qualification standard f	85-12352	
" (GFCS), Personnel qualification standard f	85-12355	
" mission / RF characteristics of the hoop c	85-13144	
" on the Extramural Programs of NIH., Informa	85-12651	
" performance models, Summary of photovoltaic	85-13325	
" policies, procedures and considerations., M	85-12142	
" proceedings of a meeting held at the Unive	85-12649	
" project, The Embedded operating	85-13239	
" (PROSS), An implementation of the programmi	85-13043	
" (PROSS), An implementation of the distribu	85-13045	
" reference manual / Particulate data reduct	85-12517	
" requirements document #NG-13, NIMBUS		
observ	85-13087	
" trainer specialist (AFSC 34152) / Defensiv	85-12392	
" trainer specialist (AFSC 34152) / Defensiv	85-12393	
" A supervisor's guide to the commissioned	85-12647	
" and Antilles / Waterborne commerce of the	85-12319	
" and Antilles, Waterways and harbors, Gulf	85-12319	
" Autonomous omnidirectional spacecraft ante	85-13406	
" CFR. 48, Federal acquisition regulations	85-12568	

- " , Code of federal regulations. 48, Federal 85-12568  
 " , Cut-off rate calculations for the outer ch 85-13278  
 " , D.I.D.S. procedures manual. Vol. 16, Remot 85-12228  
 " , Defense Integrated Data System DIDS proce 85-12228  
 " , Development INTERDATA 8/32 computer 85-13449  
 " , Development of limb volume measuring 85-13177  
 " , DIDS procedures manual. Vol. 16, Remote te 85-12228  
 " , Evaluation of radiometric and geometric ch 85-13386  
 " , Federal acquisition regulations 85-12568  
 " , Fifth quarterly report on "Spectroradio 85-13437  
 " , Fourth quarterly report on "spectroradi 85-13383  
 " , Honeywell, model Y612X21-FH-11-111-77, Wea 85-12285  
 " , Investigation of image enhancement techniq 85-13151  
 " , Materiel fielding agreement :M1 Abrams ta 85-12238  
 " , Modular design attitude control 85-13432  
 " ? :national debate topic for high schools 19 85-13660  
 " , Remote terminal 85-12228  
 " , Requirements for a transformerless power c 85-13330  
 " , The development of efficient coding for an 85-13227  
 " , the U.S. Forest Service, and human-caused 85-11898  
 systematics, and zoogeography of Eleutherodactylus 85-13547  
 systems : Small Business Administration's compute 85-13927  
 " analysis study extension, Manned geosynchr 85-13253  
 " and related devices, Millimeter wave trans 85-13245  
 " applications to the space station program, 85-13295  
 " equipment operator/specialist (AFSC 30456) 85-12388  
 " :fall 1983 / Status of dry SO 85-12513  
 " :final report, phase II, Reed Solomon code 85-13359  
 " for nitric oxide reduction in refinery pro 85-12510  
 " for residential structures :the energy e 85-12723  
 " for steady-state visual evoked experimenta 85-13197  
 " management specialist (AFSC 27132) / , Appr 85-12385  
 " manual, Nonappropriated Funds Information 85-12240  
 " manual :Nonappropriated Funds Information 85-12317  
 " needed to accurately account for juvenile 85-12534  
 " operator (AFSC 11650) / , Airborne communic 85-12382  
 " operator (AFSC 11650) / , Airborne communic 85-12383  
 " performance standards / , Optical fiber com 85-12116  
 " :semiannual progress report, March 1983-Au 85-13355  
 " specialist (AFSC 32853) / , Electronic warf 85-12391  
 " technician (F-4C/D: APQ-109/APA-165), (AFS 85-12389  
 " via spectral assignment using reduced-orde 85-13241  
 " with high reliability requirements :final 85-13444  
 " / , Bumper tests of a 1979 Ford LTD retrofi 85-13633  
 " , CONC/11, a computer program for calculati 85-13323  
 " , Effects of voltage control in utility int 85-13318  
 " , Investigation of fast initialization of s 85-13103  
 " , Low-frequency switching voltage regulator 85-13050  
 " , Multipath induced errors in meteorologica 85-13412  
 " , Personnel qualification standard for shi 85-12350  
 " , Program for development of strain toleran 85-12327  
 " , Quality assurance handbook for air pollu 85-12483  
 " , 1982-1983, Basic and applied research rel 85-13260  
 SO<sub>2</sub> control systems :fall 1983 / Statu 85-12513
- T**
- T-53-L-13 gas turbine engine., Programmed text : 85-12313  
 TA-885/U and Hewlett-Packard, model 3555B, Calibr 85-12284  
 table :central Pacific / , Loran-C secondary phase 85-12160  
 " grapes for storage., Instructions for foreca 85-11968  
 tables / , Sweetgum volume and weight 85-11912  
 " and grids., Defense Integrated Data System 85-12224  
 " and grids, DIDS procedures manual. Vol. 10, 85-12224  
 " and grids, Multiple application references/ 85-12224  
 " available on computer tape / , Atmospheric h 85-12102  
 " for 10.2 kHz :area 01 Northern Europe, Stat 85-12150  
 " for 10.2 kHz :area 04, Alaska, station E (R 85-12151  
 " for 10.2 kHz :area 04, Alaska, station G (A 85-12152  
 " for 10.2 kHz :area 06, Greenland, station A 85-12153  
 " for 10.2 kHz :area 07, Mediterranean, stati 85-12154  
 " for 10.2 kHz :area 08, Asia, station C (Haw 85-12155  
 " for 10.2 kHz :area 09, Northwest Pacific St 85-12156  
 " for 10.2 kHz :area 10, central Pacific, sta 85-12157  
 " for 10.2 kHz :area 11, North America, stati 85-12158  
 " for 10.2 kHz :area 17, east Pacific, statio 85-12159  
 " , budget of the United States government., H 85-13502  
 " , Defense Integrated Data System DIDS proce 85-12226  
 " , DIDS procedures manual. Vol. 13, Materiel 85-12226  
 " , graphs, & charts / , Descriptive statistics 85-12696  
 " , Materiel management decision rule 85-12226  
 Tabulation of ozonesonde data :1963-1980 / 85-13390  
 tailings basins on the hydrology of Sands Plain, M 85-12790  
 tank components (industry 3795), 1982 census of m 85-12033  
 " identification handbook. 85-12248  
 " system., Materiel fielding agreement :M1 Abra 85-12238  
 " system between III Corps and Ft Hood and prog 85-12238  
 " turret mechanic, skill level I / , MOS 45N, 85-12333  
 Tanks and tank components (industry 3795), 1982 c 85-12033  
 tape / , Atmospheric handbook :atmospheric data tab 85-12102  
 " documentation :multiple cause of death for IC 85-12688  
 " format :workbook., Message preparation ACP 12 85-12316  
 " reporting for Form 941, Employers quarterly f 85-13581  
 Tarapur to Bankot / , India, west coast, 85-12199  
 target detecting device, modular guided bomb, DSU- 85-12377  
 Tariff act of 1930, together with the information 85-12984  
 " and nontariff barriers on the U.S. sheet vi 85-12981  
 " and trade bills / , Miscellaneous 85-13939  
 " information :agricultural and horticultural 85-12978  
 " information :animal feeds and animal feed i 85-12970  
 " information :artists' colors, inks and ink 85-12976  
 " information :benzenoid cyclic intermediates 85-12972  
 " information :body-supporting garments : TSU 85-12971  
 " information :butadiene, ethylene and other 85-12974  
 " information :certain organic chemical crude 85-12973  
 " information :fan, blowers, compressors, air 85-12979  
 " information :fertilizers, other than nitrog 85-12975  
 " information :pulp and paper machinery bookb 85-12977  
 " information :umbrellas, whips, riding crops 85-12980  
 " schedules of the United States annotated / 85-12969  
 Tariff Act of, The Impact of tariff and nontariff 85-12981  
 " of 1930, together with the information 85-12983  
 task / , Influences on secondary and postsecondary 85-12430  
 " analysis of nuclear power plant control room 85-13725  
 " , A review of the silicon material 85-13331  
 Task Force on Organ Transplantation and the Organ 85-12587  
 tasks to training strategies / , Nuclear power plan 85-13728  
 Tawinis / , Mediterranean Sea, Libya-Gulf of Sidra, 85-12193  
 tax : Unitary 85-13863  
 " code : , Increasing productivity and administra 85-13840  
 " credits., Fuel 85-13566  
 " forms, form letters, and notices., Catalog of 85-13557  
 " guide for aliens., U.S. 85-13568  
 " information for homeowners associations. 85-13574  
 " information on corporations. 85-13570  
 " information on corporations. 85-13571  
 " information publications., A selection of 1984 85-13580  
 " policy : , Japanese 85-13807  
 " policy on U.S. agriculture : , The effects of f 85-13809  
 " reform / , Social security taxation :impacts on 85-11999  
 " reform : , Phantom 85-13826  
 " reform options : , Major 85-13838  
 " return., Magnetic tape reporting for Form 941, 85-13581  
 " returns documentation guide., Statistics of in 85-13564  
 " returns documentation guide, Corporation incom 85-13564  
 " treaties., U.S. 85-13576

- " workshop :workbook., Small business 85-13579
- Tax Equity and Fiscal Responsibility Act of 1982 w** 85-12625
- tax-exempt organizations., Tax-sheltered annuity p** 85-13572
- Tax-sheltered annuity programs for employees of pu** 85-13572
- taxation :impacts on farm operations and proposals** 85-11999
- " of social security benefits :desk guide. 85-12644
- " on pipelines :, Discriminatory 85-13795
- taxes :, State severance** 85-13839
- Taxi regulation in a free entry market :a case stu** 85-13587
- Taylor Grazing Act in Nevada, 1934-1984.** 85-12961
- TCAS-derived CDTI, A concept for reducing oceanic** 85-13184
- TD-204, radio sets AN/GRC-144 and AN/GRC-143.,** 85-12315
- Dia 85-12315
- TD-352, TD-660, TD-754/G, TD-204, radio sets AN/GR** 85-12315
- TD-660, TD-754/G, TD-204, radio sets AN/GRC-144 an** 85-12315
- TD-754/G, TD-204, radio sets AN/GRC-144 and AN/** 85-12315
- GRC 85-12315
- TDRSS decoder, Performance analysis of the word sy** 85-13257
- Tea Cup Granodiorite, and the Granite Basin Porphy** 85-12746
- teacher education /, A collaborative model to iden** 85-12466
- " education and teaching /, The use of resea 85-12473
- " education :the University of Utah's collab 85-12467
- " judgment /, Self-reports of 85-12474
- teachers /, Strategy for technological update of v** 85-12433
- " :final report /, Nonverbal communications 85-12463
- " of basic skills : final report /, Develop 85-12475
- " Starter :a notebook for new 85-12454
- teaching /, The use of research knowledge in teach** 85-12473
- " a course in health promotion seminar /, A 85-12447
- " creative thinking : Smithsonian approach 85-13544
- " language arts and reading., Heuristic met 85-12456
- " of writing :phase I : final report /, Res 85-12453
- " severely handicapped students to perform 85-12455
- " to preservice/inservice teacher education 85-12466
- team manual., Command assessor** 85-12358
- " .. Be a vital part of American medicine as an 85-12297
- technical assessment review of U.S. strategic forc** 85-13673
- " assistance available to you through U.S. 85-12331
- " findings relevant to Unresolved Safety I 85-13709
- " infrastructure to support domestic food 85-13921
- " irrigation pumping plant test procedure 85-12420
- " language, Understanding a 85-13105
- " libraries :administration and management 85-13026
- " publications, 1981 /, Annotated bibliogr 85-12408
- " report /, An American sunrise :the Vietn 85-12011
- " report /, Sunnyside combined hydrocarbon 85-12960
- " report /, Transcripts III 85-12436
- " report., Esmeralda-Southern Nye planning 85-12957
- " report, Final 85-13387
- " report for the period 1 June 1980 to 30 85-13414
- " report to National Aeronautics and Space 85-13415
- " requirements for weighing and measuring 85-12086
- " specifications, Byron Station, Unit no. 85-13716
- " specifications, Callaway Plant, Unit no. 85-13713
- " specifications, Waterford Steam Electric 85-13712
- " support manual :waterbody surveys and as 85-12525
- " teachers /, Strategy for technological u 85-12433
- " training : a preliminary inquiry /, Self 85-12410
- " training in the Soviet Union, Scientific 85-13123
- Technical Systems, Summary of activities, January** 85-13247
- technician (AFSC 25170), Meteorological** 85-12406
- " (AFSC 30270) /, Weather equipment 85-12387
- " (AFSC 32470) /, Precision measuring equ 85-12390
- " (AFSC 70570) /, Legal services 85-12403
- " (AFSC 70570) /, Legal services 85-12404
- " B 3 & 2., Fire control 85-12347
- " (F-4C/D: APQ-109/APA-165), (AFSC 32172P 85-12389
- technique to assign tasks to training strategies** 85-13728
- technique of laser induced fluorescence, Shot noise** 85-13453
- " using a personal computer /, A comparati 85-12362
- techniques at the KU-FRL acoustic test facility, M** 85-13216
- " for extended single-and-double-error-co 85-13281
- " for food habits analyses /, Microhistol 85-11910
- " for integration of stiff ordinary diffe 85-13467
- " for large-rotation, nonlinear analysis 85-13462
- " for monitoring and evaluating spruce bu 85-11938
- " for the development of a self-contained 85-13151
- " :module 10005., Digital 85-12378
- " money laundering., Financial investigat 85-12993
- " .. Advanced labor negotiation 85-12274
- Technology, and Engineering Development Acts :, Mag** 85-13819
- technological innovation /, Federal organization f** 85-13923
- " update of vocational/ technical teac 85-12433
- " world /, Training for a 85-12434
- technologies list., The militarily critical** 85-12131
- " of Chinese rural youth programs :a sc 85-11954
- " program, ECUT, energy conversion and 85-13235
- " program, ECUT energy conversion and u 85-13338
- " to reduce U.S. import vulnerability., 85-13756
- technology /, Automated fingerprint identification** 85-12994
- " : Enhanced coal 85-13823
- " : Oversight review of the five-year ou 85-13925
- " and technical assistance available to y 85-12331
- " annual evaluation report, Solar parabol 85-13314
- " development, Advanced gas turbine (AGT) 85-13401
- " development, Full scale phosphoric acid 85-13394
- " evaluation report, fiscal year 1982, So 85-13229
- " for sharing :America's international hi 85-13592
- " in voc ed /, Educational 85-12435
- " needs for sulfur and trace elements /, 85-12507
- " of space energy conversion systems, 198 85-13260
- " project, Advanced gas turbine AGT 85-13389
- " R&D :critical trends and issues : summa 85-13755
- " to an advanced subsonic transport proje 85-13138
- " to problems in manuscript encapsulation 85-13226
- " .. Advanced powder metallurgy aluminum al 85-13201
- " .. and dangers /, Program performance mea 85-12710
- " .. and foreign affairs /, Science, 85-13524
- " .. and related bioregulation research pro 85-11965
- " .. Astronomical application of IR CID 85-13154
- " .. Blood policy & 85-13750
- " .. Methods of effective transfer and imp 85-13594
- " .. Nonaerospace uses of JPL 85-13203
- " .. Solar thermal 85-13219
- Technology Transfer., Technology and technical ass** 85-12331
- teenagers with cancer : user's guide., Help yourse** 85-12663
- Telecommunications** 85-12567
- " and data acquisition progress r 85-13267
- " .. CFR. 47, 85-12567
- " .. Code of federal regulations. 85-12567
- telemetry, Application of surface acoustic wave de** 85-13273
- Telephone directory.** 85-12127
- " directory / 85-13717
- " directory., Customer services national 85-13477
- " signal converter CV-1548, multiplexer TD 85-12315
- " test set TA-885/U and Hewlett-Packard, m 85-12284
- television broadcasting specialist (AFSC 79151),** 85-12405
- " PSAs :user's guide., Pretesting 85-12664
- " .. Media arts, film/radio/ 85-13469
- temperate virus infections., The Study of child gr** 85-12680
- temperature and humidity in subalpine watersheds o** 85-11904
- " control system for the Pushbroom Micro 85-13098
- " dependence of elastic and strength pro 85-13280
- " in the lower troposphere, Remote measu 85-13231
- " property measurements by atomic fluore 85-13174
- temperatures for growth of southern Rocky Mountain** 85-11924
- temporal reasoning, An Interval logic for higher-l** 85-13185

# Ten-year

# Title Keyword Index

- Ten-year growth of five planted hardwood species w 85-11928  
Tennessee region, A compilation of mineral occurr 85-13411  
" .. Wild Horse & Burro Adoption Center, Cr 85-12958  
Tennessee River and Cypress and Little John Creeks 85-13762  
Tennessee Valley Authority annual report. 85-13759  
" .. Environmental researc 85-13761  
Tennessee Wilderness Act of 1984. 85-12614  
Tensile fracture of ductile materials 85-13276  
" properties of a neutron-irradiated staine 85-13739  
tension adjustment /, Rational-spline approximat 85-13466  
tensor product finite element 3DPNS algorithm for 85-13182  
Teratology and postnatal studies in rats of the pr 85-12486  
terminal blocks in the nuclear power industry /, A 85-13732  
" equipment, (second quarter, CY 1984), Eq 85-12290  
" system, Defense Integrated Data System D 85-12228  
" system, D.I.D.S. procedures manual. Vol. 85-12228  
" system, DIDS procedures manual. Vol. 16, 85-12228  
" system, Remote 85-12228  
terminals, All about radioactive materials packag 85-13637  
terms & conditions applicable to Department of Def 85-12223  
" of office of the President and Members of Co 85-13893  
Terre and Chippewa River Valleys, western Minnesot 85-12789  
terrestrial photovoltaic systems, Low-frequency sw 85-13050  
" planets /, The Geology of the 85-13134  
tertiary age, basin and range province, Nevada /, 85-12776  
" age, basin and range province, Southern C 85-12764  
" volcanic and intrusive rocks on the Orego 85-12835  
test /, Report on large scale molten core/magnesia 85-13727  
cells /, Comparison of leachate characteristi 85-12492  
" data/analyses, Sikorsky S-76A helicopter /, 85-13615  
" device and test procedure to assess side stru 85-13632  
" facility, Measurement of transmission loss ch 85-13216  
" holes in south-central Nebraska, Descriptive, 85-12827  
" measurements and NASTRAN analytical values, 85-13114  
" S 85-13336  
" methods, material properties, and processes f 85-13341  
" methods, material properties, and processes f 85-13630  
" of a 19 crabbed moving deformable barrier to 85-13631  
" of a 19 crabbed moving deformable barrier to 85-13167  
" of aft skirt end ring, and mid ring segments 85-13125  
" of F-16 airplane with initial decoupler pylon 85-13618  
" performance related to academy training succe 85-12420  
" procedure manual /, Technical irrigation pump 85-13632  
" procedure to assess side structures, Test de 85-13054  
" results for 27.5 to 30-GHz communications sat 85-12284  
" set TA-885/U and Hewlett-Packard, model 85-12276  
" 3555B  
" sets (general), Calibration procedure for au 85-13166  
" software acceptance procedures, PDSS/IMC 85-12295  
" stand, United Manufacturing Company, models 85-12705  
" A 85-12703  
" .. Conducting an initial assessment :feedback 85-12704  
" .. Conducting surveillance of infections :crit 85-12665  
" .. Investigating infection problems :crit 85-12661  
" .. user's manual, PDSS/IMC qualification 85-13175  
" .. 85-12669  
tested for carcinogenic activity /, Survey of comp 85-13319  
" for carcinogenic activity /, Survey of comp 85-13155  
" data compilation, analysis, and reporting a 85-13604  
" testicular cancer /, Selected abstracts on diagnos 85-13217  
" testing for single event upset (SEU), A guideline 85-13460  
" of solar photovoltaic powered refrigerator 85-13034  
" .. Correlation of concrete tie track perfor 85-13633  
" .. Segmented 85-13042  
" .. 85-12508  
" tests /, Study of stator-vane fluctuating pressure 85-13034  
" of a Boeing BAC 1 airfoil in the Langley 0.3 85-13633  
" of a 1979 Ford LTD retrofitted with Romeo-Ko 85-13042  
" of 2.29-meter (7.5-ft.) span EET high-lift r 85-12508  
" on a subscale cement kiln for NOx reduction 85-12508  
tethered subsatellite, Investigation of dynamic no 85-13264  
tetrahedral truss, Hinge specification for a squar 85-13189  
Texas /, Land protection plan for Lower Rio Grande 85-12953  
" /, Maps showing distribution of dissolved so 85-12783  
" /, Maps showing ground-water levels, springs 85-12782  
" /, Maps showing ground-water units and withd 85-12781  
" .. and Wyoming :High Plains RASA Project /, Ge 85-12747  
" .. 1982 census of service industries. Geograp 85-12084  
Texas Eastern Transmission Corporation, Transconti 85-12418  
Texas High Plains /, Furrow dike water conservatio 85-11853  
Texas Utilities Generating Company, et al., Safety 85-13706  
text /, Common sense electrical safety :electrical 85-12906  
" .. additional reports, Programmed 85-12310  
" .. flight controls, TH-55, Programmed 85-12312  
" .. for seminar in leadership and management :re 85-12244  
" .. gyrocompass failure, Programmed 85-12311  
" .. T-53-L-13 gas turbine engine, Programmed 85-12313  
Textile machinery in place (major group 22), 1982 85-12034  
textiles :the welfare effects of United States res 85-12531  
TF34-GE-100 turbofan engine with post-stall capabi 85-13053  
TH-55, Programmed text :flight controls, 85-12312  
Thailand, Mineral industry of 85-12939  
" .. Preprint from the ... Bureau of Mines M 85-12939  
than herbicides /, Releasing young hardwood crop t 85-11901  
" nitrogenous, TSUS items 480.05, 480.10, 480.3 85-12975  
" single-family houses, industry 1522, 1982 ce 85-12046  
" 15,000 feet in the conterminous United States 85-12822  
" 20,000 feet in the conterminous United States 85-12823  
That Act for Assistance for Alcohol and Drug Abuse 85-12589  
The Johns Hopkins University, Baltimore, MD 21218 85-13414  
The National Aeronautics and Space Administration, 85-13441  
thematic mapper and multispectral scanner applicat 85-13370  
" mapper and multispectral scanner applicat 85-13380  
" mapper and multispectral scanner system" 85-13383  
" mapper and multispectral scanner system" 85-13437  
" mapper data performance and processing, T 85-13381  
" mapper, Demonstration of angular anisotro 85-13421  
" mapper image dimensionality reduction and 85-13374  
" mapper, In-flight absolute radiometric ca 85-13382  
" mapper modulation transfer function (MTF) 85-13377  
" mapper performance as applied to hydrocar 85-13367  
" mapper performance for coastal studies, E 85-13242  
" mapper performance for coastal studies, E 85-13420  
theoretical investigation of deposition patterns f 85-13463  
" studies of x-ray emission from superno 85-13428  
theory for predicting maximum fluid particle size 85-13746  
therapy for primary neoplasms on the development o 85-12666  
" specialist (AFSC 62251) /, Diet 85-12400  
thermal analysis of spur gears, An investigation o 85-13080  
" and UV spectroscopic analysis, Determinati 85-13036  
" barrier coating burner rig life, Depositio 85-13056  
" barrier coating systems, Program for devel 85-13237  
" collectors and power systems, CONC/11, a c 85-13323  
" data for geologic applications, Evaluation 85-13234  
" inertia determined by HCMC to predict noct 85-13369  
" power plants, The kinematic stirling engin 85-13313  
" response of space shuttle wing during reen 85-13106  
" technology, Solar 85-13219  
thermal-hydraulic computer model for freezing melt 85-13722  
thermal-structural analysis of cable-stiffened spa 85-13300  
Thermoelectric temperature control system for the 85-13098  
thermograph system, Honeywell, model Y612X21-FH-11 85-12285  
thick delta wings, An analytical design procedure 85-13429  
" film cost effective metallization system for 85-13345  
" .. dominantly argillaceous sedimentary and met 85-12754  
" .. dominantly argillaceous sedimentary and met 85-12762  
" .. dominantly argillaceous sedimentary and met 85-12768  
" .. dominantly argillaceous sedimentary and met 85-12787

- " , dominantly argillaceous sedimentary rocks, 85-12773  
**thicknesses**, Aerodynamic characteristics of two NA 85-13033  
**thinking** : Smithsonian approach /, In pursuit of w 85-13544  
**thinned** second-growth ponderosa pine trees /, Biom 85-11921  
**thinning** treatments, and soil properties in a 10-y 85-11927  
**Thirteenth Annual Financial Management Conference**  
management reform : where we are and where 85-13497  
we're 85-13064  
**Three component velocity measurements using Fabry-**  
**states** /, Determinate sentencing and the cor 85-13003  
**Three Affiliated Tribes** of the Fort Berthold Reser 85-12626  
**three-dimensional** boundary layers, COSAL, a black- 85-13149  
" implicit lambda methods 85-13186  
" measurements of fatigue crack cl 85-13286  
**Three Kings Islands** /, New Zealand, North Island-N 85-12206  
**Three Mile Island** : Lessons learned in utility ma 85-13922  
**Three Mile Island Nuclear Station**, Unit 2, docket 85-13704  
**three-year** veteran's initiative : summary., An Ame 85-12012  
" veteran's initiative : technical report 85-12011  
**through-the-thickness** Poisson's ratios, Composite 85-13288  
**thru** June - 1st half CY 84), Equipment improvemen 85-12292  
" June - 1st half CY 84), Equipment improvemen 85-12293  
**thruster**, Performance capabilities of the 12-centi 85-13059  
**Thunder Basin National Grassland** : land and resourc 85-11948  
" , Land and resour 85-11947  
**thunderstorms**, Numeric and fluid dynamic represent 85-13164  
**Tidal** currents / 85-12111  
**tie** track performance in revenue service and at th 85-13604  
**timber** and forest biomass in the Southeast /, Empi 85-11907  
" management for the 1980s / 85-12962  
" resources /, An analysis of New York's 85-11931  
" resources in areas developed for nonforest 85-11932  
" stands /, Rate of value change in Pennsylv 85-11899  
**Time of Death Shall Be Exempt from Any Estate or I** 85-12612  
" on task /, Influences on secondary and postse 85-12430  
" study /, Mechanized red pine tree planting op 85-11917  
**timing** module for Loran-C receiver, Processor-cont 85-13448  
**tin**, and vanadium in bedrock samples, western Chic 85-12799  
**Tioga-Hammond Lakes** / 85-12327  
**tip** treatment for use on compressor blades, Abrasi 85-13395  
**tips** for teenagers with cancer : user's guide., He 85-12663  
**tire** impression evidence /, Shoe and 85-12997  
" wet traction /, An Evaluation of methods to i 85-13634  
**tires** /, Mixed models and reduction techniques for 85-13462  
" , diesel driven, 600 CFM, 100 psi, Ingersoll- 85-12258  
" , 3 to 10 ton per hr. (NSN 3895-00-755-4761) 85-12255  
**Title** 18 of the U.S. code., Amendment of 85-12617  
" 29, part 5 of the Code of Federal Regulation 85-13016  
**Title IV**, Missing Children's Assistance Act : 85-13811  
**Title V** programs /, Developing childhood injury p 85-12716  
" , Public Law 97-377., Review of United Stat 85-13673  
**Title VI** of the Higher Education Act of 1965, as a 85-12422  
**Title XVIII** of the Social Security Act., Amendment 85-12635  
**TM** data, CCRS proposal for evaluating LANDSAT-4 85-13422  
MS 85-11861  
**Tobacco** : background for 1985 farm legislation. 85-11861  
**Toledo Bend**, An Act to Direct the Secretary of Agr 85-12610  
**tolerances**, and other technical requirements for w 85-12086  
**tolerant** thermal barrier coating systems, Program 85-13237  
**Tolls** on the Richmond-Petersburg Turnpike Upon Rep 85-12629  
**tomorrow's** forests, Research for 85-11946  
**ton** per hr. (NSN 3895-00-755-4761) : Organization 85-12255  
" , w/scarifier and sprinkler, NSN 3895-00-902-84 85-12256  
" , w/scarifier and sprinkler, NSN 3895-00-952-58 85-12257  
**Tooele**, Juab, Utah, and Millard Counties, Utah, Ge 85-12841  
**tool** for basic and applied research in space /, Mi 85-13132  
**tools** list for radio frequency plug-in, Weinschel 85-12262  
" list for selected items of secondary transfe 85-12261  
" lists : compressor, rotary, air, wheel mount 85-12258  
" lists : drier-mixer, bituminous-concrete mate 85-12255  
" lists (including depot maintenance repair pa 85-12258  
" lists : roller, motorized, gasoline engine, 3 85-12256  
" lists : roller, motorized, gasoline engine, 3 85-12257  
" lists) together with supplemental operating 85-12263  
" of the trade, Soldier-leader's handbook : 85-12239  
**topic** for high schools 1983-1984, pursuant to Publ 85-13660  
**topographic** - bathymetric series : Alaska 85-12895  
" series : Alaska 85-12896  
" series : Alaska 85-12897  
" ) : 7.5 minute series ( 85-12844  
" ) : 7.5 minute series ( 85-12845  
" ) : 7.5 minute series ( 85-12846  
" ) : 7.5 minute series ( 85-12847  
" ) : 7.5 minute series ( 85-12848  
" ) : 7.5 minute series ( 85-12849  
" ) : 7.5 minute series ( 85-12850  
" ) : 7.5 minute series ( 85-12851  
" ) : 7.5 minute series ( 85-12852  
" ) : 7.5 minute series ( 85-12853  
" ) : 7.5 minute series ( 85-12854  
" ) : 7.5 minute series ( 85-12855  
" ) : 7.5 minute series ( 85-12856  
" ) : 7.5 minute series ( 85-12857  
" ) : 7.5 minute series ( 85-12858  
" ) : 7.5 minute series ( 85-12859  
" ) : 7.5 minute series ( 85-12860  
" ) : 7.5 minute series ( 85-12861  
" ) : 7.5 minute series ( 85-12862  
" ) : 7.5 minute series ( 85-12863  
" ) : 7.5 minute series ( 85-12864  
" ) : 7.5 minute series ( 85-12865  
" ) : 7.5 minute series ( 85-12866  
" ) : 7.5 minute series ( 85-12867  
" ) : 7.5 minute series ( 85-12868  
" ) : 7.5 minute series ( 85-12869  
" ) : 7.5 minute series ( 85-12870  
" ) : 7.5 minute series ( 85-12871  
" ) : 7.5 minute series ( 85-12872  
" ) : 7.5 minute series ( 85-12873  
" ) : 7.5 minute series ( 85-12874  
" ) : 7.5 minute series ( 85-12875  
" ) : 7.5 minute series ( 85-12876  
" ) : 7.5 minute series ( 85-12877  
" ) : 7.5 minute series ( 85-12878  
" ) : 7.5 minute series ( 85-12879  
" ) : 7.5 minute series ( 85-12880  
" ) : 7.5 minute series ( 85-12881  
" ) : 7.5 minute series ( 85-12882  
" ) : 7.5 minute series ( 85-12883  
" ) : 7.5 minute series ( 85-12884  
" ) : 7.5 minute series ( 85-12885  
" ) : 7.5 minute series ( 85-12886  
" ) : 7.5 minute series ( 85-12887  
**topography** and the geoid, Lower mantle heterogenei 85-13284  
**topside** sounder Z mode observations, Field-aligned 85-13118  
**tornadoic** double vortex thunderstorms, Numeric and 85-13164  
**Tortuosity** of lightning return stroke channels 85-13119  
**total** and merchantable tree heights /, A simple mo 85-11916  
" reduced sulfur emissions : summary of comment 85-12522  
" strain range version of strainrange partitiio 85-13404  
**totals** for fiscal year ... : Allocation of budget 85-13685  
**Tottori Ko** to Mikuni Ko., Japan, Honshu-northwest 85-12216  
**toughness** and tensile properties of a neutron-irra 85-13739  
" , impact resistance and environmental eff 85-13066  
**tow** heavy antitank/assault weapon to prevent enemy 85-12265  
" training / 85-12249  
**Toxic** chemicals : what they are, how they affect yo 85-12482

# Toxic

# Title Keyword Index

" elements in low-level wastes :annual report	85-13743	tradition of neighbor helping neighbor., The Senio	85-12013
" screening model /, Conceptual development of	85-12518	traffic control., Air	85-13606
Toxicity treatability of iron and steel plant wast	85-12495	" control radar controller :soldier's manual	85-12270
trace elements /, Correlation of coal properties w	85-12507	" control specialist trainees :I., age, biog	85-13618
track performance in revenue service and at the fa	85-13604	" control system :, Status of air	85-13798
tracked vehicle activity on higher vertebrate popu	85-12329	train apprentices to lead inservice workshops for	85-12475
tract diseases and treatment /, Kidney & urinary	85-12676	" impinger system /, Collection efficiency eva	85-12515
" diseases and treatment, Kidney and urinary	85-12676	" no. 301 on Illinois Central Gulf Railroad wi	85-13590
traction /, An Evaluation of methods to investigat	85-13634	trainees :I., age, biographic factors, and selecti	85-13618
" drive, An Advanced pitch change mechanism	85-13071	trainer /, Training effectiveness evaluation and u	85-12339
tractor M246 series, and M819., Load-testing vehic	85-12275	" specialist (AFSC 34152) /, Defensive syste	85-12392
tractors, TSUS items 666.00, 666.10, 692.34, and 6	85-12978	" specialist (AFSC 34152) /, Defensive syste	85-12393
trade /, West Germany :the effect of agricultural	85-11990	" 's guide., Basic rifle marksmanship	85-12246
" ;, United States-Japan	85-13860	training /, TOW	85-12249
" and tariff information :agricultural and hor	85-12978	" /, Vocational rehabilitation in employmen	85-12437
" and tariff information :animal feeds and ani	85-12970	: a preliminary inquiry /, Self-paced ins	85-12410
" and tariff information :artists' colors, ink	85-12976	: a listing, June 1978 to September 1983.,	85-12717
" and tariff information :benzenoid cyclic int	85-12972	" and planning guide for management analyst	85-13491
" and tariff information :body-supporting garm	85-12971	effectiveness evaluation and utilization	85-12339
" and tariff information :butadiene, ethylene	85-12974	" for a technological world /	85-12434
" and tariff information :certain organic chem	85-12973	" in the Soviet Union, Scientific and techn	85-13123
" and tariff information :fan, blowers, compre	85-12979	" programs of the National Institute of Env	85-12681
" and tariff information :fertilizers, other t	85-12975	" programs, 1985-1986., Statistical	85-12019
" and tariff information :pulp and paper machi	85-12977	series., Navy electricity and electronics	85-12346
" and tariff information :umbrellas, whips, ri	85-12980	strategies /, Nuclear power plant personn	85-13728
ills :, Miscellaneous tariff and	85-13939	" success /, Studies of poststrike air traf	85-13618
list., Building materials :	85-12119	" :TSORT—an automated technique to assign	85-13728
" on U.S. Livestock producers :, Review the im	85-13768	" workbook for quality assurance., Departme	85-12237
opportunities in eastern Europe., Cooperativ	85-12008	" , Evaluation of the HARDMAN comparability	85-13321
performance in ... and outlook /, U.S.	85-12122	transceiver, Design considerations for a monolithi	85-13265
performance in ... and outlook, US	85-12122	transceivers and subassemblies thereof from Japan	85-12984
policy issues in the eighties, current resea	85-11994	Transcontinental Gas Pipe Line Corporation, docket	85-12418
" with other Pacific rim nations :, China's	85-13824	Transcripts III technical report /	85-12436
" , Committee on Ways and Means, U.S. House of	85-12981	transfer and implementation of highway maintenance	85-13594
" , Geographic area series. Alabama., 1982 cens	85-12053	" coefficients of four ice accretion shapes	85-13397
" , Geographic area series. Arkansas., 1982 cen	85-12054	" function (MTF) evaluation, LANDSAT-4 them	85-13377
" , Geographic area series. Connecticut., 1982	85-12055	" model for remote sensing of laser induced	85-13353
" , Geographic area series. Delaware., 1982 cen	85-12056	" of D.C. Employment Security Building :	85-13802
" , Geographic area series. Florida., 1982 cens	85-12057	" standards (augmented), AN/GSM-287, (NSN 6	85-12268
" , Geographic area series. Illinois., 1982 cen	85-12058	" standards calibration set AN/GSM-259 (NSN	85-12261
" , Geographic area series. Iowa., 1982 census	85-12059	" to the Smithsonian Institution Without Re	85-12595
" , Geographic area series. Kansas., 1982 censu	85-12060	" vehicles, Propulsion issues for advanced	85-13049
" , Geographic area series. Kentucky., 1982 cen	85-12061	" , On-orbit cryogenic fluid	85-13063
" , Geographic area series. Maryland., 1982 cen	85-12062	transformerless power conditioning system, Require	85-13330
" , Geographic area series. Michigan., 1982 cen	85-12063	transleat oxidation of single crystal NiAlZr /, Th	85-13403
" , Geographic area series. Mississippi., 1982	85-12064	" thermal analysis of spur gears, An inves	85-13080
" , Geographic area series. Missouri., 1982 cen	85-12065	transit marketing aids /, Transit marketing in Pen	85-13585
" , Geographic area series. New Jersey., 1982 c	85-12066	" marketing in Pennsylvania :a handbook of e	85-13585
" , Geographic area series. New York., 1982 cen	85-12067	transition prediction in three-dimensional boundar	85-13149
" , Geographic area series. North Carolina., 19	85-12068	" region of liquid fuel sprays, Combustio	85-13430
" , Geographic area series. North Dakota., 1982	85-12069	" to turbulence in plane channel flow	85-13209
" , Geographic area series. Ohio., 1982 census	85-12048	transmission loss characteristics using acoustic i	85-13216
" , Geographic area series. Pennsylvania., 1982	85-12070	" network planning method :Wisconsin po	85-12496
" , Geographic area series. South Carolina., 19	85-12071	" (SDT) requiremen/, Satellite data	85-13410
" , Geographic area series. United States., 198	85-12074	" shafting and their impact on design,	85-13048
" , Geographic area series. West Virginia., 198	85-12072	" systems and related devices, Millimet	85-13245
" , Geographic area series. Wisconsin., 1982 ce	85-12073	transmissions :automatic models AT 540., Allison	85-12373
" , Major retail centers in standard metropolit	85-12051	transmitted to the Congress., Economic report of t	85-13496
" , Major retail centers in standard metropolit	85-12052	" to the Congress., Economic report of t	85-13681
" Preliminary report. Industry series. Grocer	85-12049	transmitter, V-band IMPATT	85-13416
" Preliminary report. Industry series. Mail o	85-12050	transmitting a detailed technical assessment revie	85-13673
" , Soldier-leader's handbook :tools of the	85-12239	" a report on four new deferrals of bud	85-13675
Trade Agreements Act of 1979., Customs valuation r	85-13555	" a report on progress toward a negotia	85-13680
Trade Research :agricultural trade policy issues i	85-11994	" a report to the United States House o	85-13678
Trademark Office practices and procedures., Consol	85-12092	" amendments to the rules of criminal p	85-13677
Trademarks.	85-13019	" his Central America policy., Joint se	85-13676
" annual report /, Commissioner of Patent	85-12091	" proposed supplemental appropriations	85-13674
" style manual :a supplement to the Unite	85-12093	" the International Coffee Agreement, I	85-13662
trading in futures and options /, A Study of the e	85-13766		

- the partial revision of the Radio Reg  
**transonic** cryogenic tunnel, High Reynolds number t  
 facility, A comparison of two photogram  
 facility, Video model deformation system  
 wing configurations, Numerical optimizat  
**transpiration** and water stress in western conifero  
**transplant** services /, National listing of provide  
**transplantation**., Research report: bone marrow  
**Transplantation Network**, to Authorize Financial As  
**transport** (DPCT) model /, Simulation of groundwater  
 project, Integrated application of activ  
 using the deterministic-probabilistic co  
**transportable** laser ranging station, The construct  
**Transportation**  
 and Commerce., Maritime programs i  
 demonstration results: final report  
 network analysis: intersection anal  
 CFR, 49,  
 CFR, 49,  
 Code of federal regulations, 49,  
 Code of federal regulations, 49,  
**trap** suitable for sampling flying bark beetles /  
**Travel**, entertainment, and gift expenses.  
 Health information for international  
**traveling** wave amplifier, Dye laser  
**treasury** notes of August 15, 1987, series P-1987.,  
 notes of July 31, 1986, series W-1986, U  
 Postal Service, and General Government A  
 Restoring productivity growth in Americ  
**treatability** of iron and steel plant wastewaters:  
**treated** and untreated Rocky Mountain area fencepos  
**treaties**., U.S. tax  
**treatment** /, Kidney & urinary tract diseases and  
 for use on compressor blades, Abrasive t  
 of banks.; National  
 of bituminous concrete for improved skid  
 of hazardous industrial waste /, Use of  
 of testicular cancer /, Selected abstrac  
 plants /, Removal of giardia lamblia cys  
 works /, Value engineering for wastewater  
 works construction grants program /, Int  
 Kidney and urinary tract diseases and  
**treatments** /, A Glossary of historic masonry deterior  
 in hardwood stands of the Alleghenies /  
 and soil properties in a 10-year-old c  
**tree** heights /, A simple model for estimating tota  
 planting operation: a time study /, Mechanize  
**trees** /, Biomass estimators for thinned second-gro  
 use of a chain saw costs less than herbicid  
**trend** study of high school offerings and enrollmen  
**trends** and issues: summary., Information technolo  
 in the financial services industry and thei  
 Determination of the key parameters affect  
**trial**., Financial assistance to Rockland County,  
**Tribological** applications of surface analysis  
 properties of graphite films, Effect  
**tributaries** of Farmington Creek, Davis County Expe  
**tributes** in the Congress of the United States on t  
 Trinity River Basin, California, and for Other Pur  
 trip to Southeast Asia to the Committee on Veteran  
**tritium** /, Alternative containers for low-level wa  
**Tropics** /, Growing food in containers in the  
**troposphere**, Remote measurements of ozone, water v  
 truck M543 series, and M816, and wrecker-truck tra  
 tire wet traction /, An Evaluation of method  
 Wilmington, Illinois, July 28, 1983 /, Rail  
**truss**, Hinge specification for a square-faceted te  
**Trust** or Restricted Land on the Lake Traverse Indi  
**Trust Estates** to States or Political Subdivisions  
**TSORT**—an automated technique to assign tasks to t  
**TSUS** items 184.10-184.85., Summary of trade and ta  
 items 376.04-376.28., Summary of trade and ta  
 items 401.02, 401.04, 401.12-401.16, 401.20.  
 items 401.06-401.10, 401.18, 401.22-401.24, 4  
 items 408.12, 408.48, 413.50, and 474.02-474.  
 items 429.50-429.56., Summary of trade and ta  
 items 480.05, 480.10, 480.35-480.60, and 480.  
 items 661.05-661.22, 661.35-661.37., Summary  
 items 666.00, 666.10, 692.34, and 692.35., Su  
 items 668.00, 668.02, 668.04, 668.5, 668.06,  
 items 751.05-751.25, 755.05-755.50, and 756.0  
**Tsushima (Japan)** /, Asia, South Korea-South coast,  
**tube-bundle** heat exchangers, Reynolds number effec  
**tubes**, Residual stresses in cross-ply composite  
**tuff**, and laharic breccia, basin and range provinc  
**tuffs** and volcanoclastic rocks, basin and range pr  
 basin and range province, Oregon /, Map sho  
 basin and range province, Southern Californ  
**tunable** solid state lasers for remote sensing, Lea  
**tunnel** for a high lift model, A numerical study of  
 High Reynolds number tests of a Boeing BAC  
 Pressure distribution data from tests of 2  
**turbid** water, A radiative transfer model for remot  
**turbine** (AGT) technology development, Advanced gas  
 AGT technology project, Advanced gas  
 blades /, Low-cost single-crystal  
 blades, Fabrication development for ODS-su  
 engine., Programmed text: T-53-L-13 gas  
 engine, Cold-air performance of compressor  
 engines (MATE): Project 3 design, fabricat  
 engines (MATE): project 3 design, fabricat  
 of Department of Energy upgraded automobil  
 Application of a quasi-3D inviscid flow a  
 Effect of vortex generators on the power  
**turbine-powered** business aircraft, Study of effect  
**turbofan** engine for static and flight tests /, Stu  
 engine with post-stall capability, Develo  
**Turboprop** propulsion mechanic (AFSC 42653) /  
 propulsion mechanic (AFSC 42653) /  
**turbulence** characteristics of four tube-bundle hea  
 characteristics of swirling flowfields  
 in plane channel flow, Transition to  
**turbulent** boundary layers, I, Final report to The  
 flow, Swirl, expansion ratio and blockage  
 mixing layers, Direct simulations of che  
 swirling recirculating flow predictions,  
**Turkey**, Mineral industry of  
 Preprint from the ... Bureau of Mines Min  
**turret** mechanic, skill level I /, MOS 45N, tank  
**Tutukaka Harbor** including Three Kings Islands /, N  
 to Mayor Island /, New Zealand, No  
**twelve** tributaries of Farmington Creek, Davis Coun  
**two** disturbed forest sites in central Arizona /, P  
 models for predicting transpiration and water  
 NASA supercritical airfoils with different max  
 photogrammetric algorithms for the measure-  
 ment  
 polyimides and of an improved liner retention  
 sides /, Racking performance of light-frame wa  
 leadership development 3: instructor's guide  
**Two-dimensional** splines  
**type** in ground water, basin and range province, Ar  
 in ground water, basin and range province, Id  
 in ground water, basin and range province, Ne  
 in ground water, basin and range province, no  
 in ground water, basin and range province, Or

" in ground water, basin and range province, so 85-12761  
 " in ground water, basin and range province, Te 85-12783  
 " in ground water basin and range province, Uta 85-12786  
 " map /, Craters of the Moon National Monument 85-12949  
 " 18/500-1, part number 7085-5, federal stock n 85-12295  
 typing from environmental satellite imagery, Cloud 85-13316  
 T300/5208 graphite-epoxy, Temperature dependence o 85-13280

## U

U.N. decade for women /, U.S. contribution to the 85-13848  
 UHF radar signatures, RF radiation, and electric f 85-13084  
 Uinta Basin, Utah and Colorado /, Quantity and qua 85-12740  
 Uinta Counties, Wyoming, and Rich County, Utah, Qu 85-12812  
 Ukraine Famine Act /, Commission on the 85-13857  
 ultimate boundedness for linear quadratic regulato 85-13461  
 ultrasonic and other methods for direct measuremen 85-12506  
 um, Analysis of carbon dioxide bands near 2.2 85-13275  
 Umatilla National Forest, Oregon and Washington, 1 85-11887  
 umbrellas, whips, riding crops, and canes; matches 85-12980  
 unbleached kraft paperboard production /, Computer 85-11935  
 Unconventional missile concepts from consideration 85-13101  
 undergraduate institutions, Research in 85-13472  
 Understanding a technical language 85-13105  
 " of Stotts, Toward an 85-12126  
 " river use and users /, A recreation 85-11945  
 Understory vegetation inventory -an efficient proc 85-11895  
 undetected error probability of a concatenated cod 85-13279  
 undiscovered recoverable oil and gas resources of 85-12837  
 unemployment /, Geographic profile of employment a 85-13012  
 UNESCO and their implications for U.S. policy; Re 85-13859  
 uniaxial material responses using viscoplastic mod 85-13060  
 Unified theory for predicting maximum fluid partic 85-13746  
 Uniform apparent contract noise 85-13104  
 uniformly loaded floors -a beam-spring analog /, D 85-11893  
 Union Electric Company, Safety evaluation report unit 85-13708  
 unit experience /, Electrostatic augmentation of f 85-12512  
 " no. 1, docket no. STN 50-454 :appendix "A" 85-13716  
 " no. 1 :docket no. STN 50-483 :appendix "A" 85-13713  
 " no. 1, docket no. STN 50-483 :Union Electric 85-13708  
 " no. 2, docket no. 50-341 :Detroit Edison Comp 85-13707  
 " no. 3, docket no. 50-382 :appendix "A" to 1 85-13712  
 " no. 3 :docket no. 50-423, Northeast Nuclear E 85-13714  
 " 1 nuclear power plant /, Interim reliability 85-13729  
 " 2, docket no. 50-320 :final supplement dealin 85-13704  
 " 2, docket no. 50-412 :Duquesne Light Company, 85-13715  
 Unit No. 3, docket no. 50-382 :Louisiana Power & L 85-13705  
 Unitary tax : 85-13863  
 United Kingdom-France, English Channel, Eddystone 85-12174  
 " , English Channel, Worthing t 85-12175  
 United Manufacturing Company, models APS, type 18/ 85-12295  
 United Nations, Settlement of the Cyprus question 85-13680  
 units and number of large capacity wells basin and 85-12777  
 " and withdrawal, basin and range province, Ar 85-12750  
 " and withdrawal, basin and range province, Ne 85-12769  
 " and withdrawal, basin and range province, So 85-12759  
 " and withdrawal, basin and range province, Te 85-12781  
 " and withdrawal, basin and range province, Ut 85-12784  
 " and withdrawal, ground-water levels, springs 85-12757  
 " (ICUs):clinical outcomes, costs, and decisi 85-13751  
 " 1 and 2 :docket nos. 50-413 and 50-414, Duke 85-13711  
 " 1 and 2 :docket nos. 50-445 and 50-446 : Tex 85-13706  
 " :1983-1992, Status of coal supply contracts 85-12419  
 " , ground-water levels, springs, and depth to 85-12765  
 universities and colleges" /, Summary and analysi 85-13919  
 University of Iowa :annual report for 1982, Resear 85-13442  
 " of Minnesota in September 1981, Chrono 85-12649  
 " of Utah's collaborative approach, first 85-12467

" , and research institute interest in the 85-13259  
 unmineralized stocks in southern Arizona /, The Sc 85-12746  
 Unresolved Safety Issue A-1 /, Evaluation of water 85-13709  
 unsteady flow fields, Canonical solutions for 85-13096  
 " flows, Embedded cavity drag in steady and 85-13192  
 untreated Rocky Mountain area fenceposts :a progre 85-11923  
 update of vocational/ technical teachers /, Strate 85-12433  
 " to the ... Catalog of Federal domestic assi 85-13503  
 " #2 to national priorities list, October 198 85-12479  
 upgraded automobile gas turbine engine, Cold-air p 85-13051  
 upper Arkansas River basin from Leadville to Puebl 85-12749  
 " atmosphere /, Dynamic model of the Earth's 85-13142  
 " Devonian and lower Mississippian (?) Kanayut 85-12736  
 " mantle, Anisotropic models of the 85-13255  
 " mantle beneath the Cascade Range, The 85-13450  
 Upper Mississippi River Basin /, The Corps, the en 85-12326  
 Upper Muir and Wachusett Inlets, Glacier Bay, Alas 85-12840  
 upset (SEU), A guideline for heavy ion radiation t 85-13319  
 Upward Bound Program, Continuation application fo 85-12423  
 upwind and downwind from the SASS-1 model function 85-13143  
 uranium mining and milling industry /, Review of t 85-13822  
 urban diffusion models /, Review of the attributes 85-12499  
 " policy report /, The President's 1984 nation 85-13804  
 " policy report /, The President's 1984 nation 85-13808  
 " storm-runoff data and the effects on the Sou 85-12791  
 Urban Affairs, United States Senate, Oversight ac 85-13672  
 Urban Development annual report to Congress on Ind 85-12725  
 urinary tract diseases and treatment /, Kidney & 85-12676  
 " tract diseases and treatment, Kidney and 85-12676  
 UROAD /, Transportation network analysis :intersec 85-13624  
 Uruba to Puerto Cabello /, South America, Panama-C 85-12168  
 US Army guidelines, Handbook for disposal of radi 85-12250  
 US Army Tank-Automobile Command) :commercial 85-12292  
 autom  
 US Army Tank-Automotive Command) material han- 85-12293  
 dling  
 US Congress on federal alcohol-related activities, 85-12714  
 usable equipment /, Disposal of 85-13786  
 usage, A style guide for CBO :about writing and w 85-13946  
 USDA inspection and grading programs /, List of pr 85-11855  
 " poultry and egg grading and egg products insp 85-11973  
 " 's five-point program of inspection in livesto 85-13770  
 use a multibillion dollar customer?, VA reaches ou 85-13649  
 " and cost of soil conservation and water qualit 85-11984  
 " and Distribution of Certain Funds Awarded the 85-12626  
 " and users /, A recreation manager's guide to u 85-11945  
 " attainability analyses, Technical support man 85-12525  
 " data tape documentation :multiple cause of dea 85-12688  
 " equipment for power plant cooling /, Appraisal 85-12901  
 " in remote geographic locations, Qualification 85-13155  
 " in remote geographic locations, Solar photovol 85-13159  
 " in sodium batteries, Development of new interc 85-13205  
 " in western Washington /, Timber resources in a 85-11932  
 " inventory of Salt Lake County, Utah from color 85-13378  
 " of a chain saw costs less than herbicides /, R 85-11901  
 " of Ada on distributed systems with high reliab 85-13444  
 " of contraception in the United States, 1982 / 85-12689  
 " of fly ash in highway construction /, The 85-13600  
 " of linear feature detection to investigate the 85-13381  
 " of mediation and arbitration in small claims d 85-13005  
 " of microwave oven in geotechnical applications 85-12905  
 " of radio frequencies, Directory of field cont 85-12125  
 " of research knowledge in teacher education and 85-12473  
 " of services for family planning and infertilit 85-12690  
 " of short-term bioassays to evaluate environmen 85-12494  
 " of space resources, Research on the 85-13236  
 " of TCAS-derived CDTI, A concept for reducing 85-13184  
 o

- of the fine as a criminal sanction /, Fines in 85-13001  
of the finite element machine, Design, develop 85-13178  
of thermal inertia determined by HCMM to 85-13369  
on compressor blades, Abrasive tip treatment f 85-13395  
under USDA inspection and grading programs /, 85-11855  
valuation of Louisiana's rural lands :short-run 85-11909  
with HP-86/87 microcomputers, PBDAT, a program 85-12829  
Photo interpretation key to Michigan land cov 85-13385  
Procedure for destruction of tow heavy anti 85-12265  
used by civil agencies throughout the world as of 85-12554  
in the United States justice system? :nationa 85-13660  
to handle missiles and rockets, medium wrecke 85-12275  
user facilities partially supported by the Nationa 85-13471  
's guide /, Soil sampling quality assurance 85-12501  
's guide., Help yourself :tips for teenagers w 85-12663  
's guide., Pretesting television PSAs : 85-12664  
's guide, CARE III model overview and 85-13095  
's manual for the NASA/JPL synthetic aperture 85-13232  
's manual, PDSS/IMC qualification test, 85-13165  
users /, A recreation manager's guide to understan 85-11945  
guide :computer program for optimum dynamic 85-12321  
manual., Automated data systems manual, Nona 85-12240  
manual., Automated data systems manual :Nona 85-12317  
's guide : a guide to the intersection analysi 85-13624  
uses of JPL technology, Non-aerospace 85-13203  
of land in the United States :preliminary est 85-11998  
USGS water resources data, Alaska 85-12794  
using a higher order panel method, PAN AIR, a comp 85-13136  
a local relaxation factor and its applicatio 85-13068  
a modified version of CSQII :examples for hy 85-13733  
a personal computer /, A comparative study o 85-12362  
a row crop reflectance model, An analysis of 85-13372  
a video camera and proximity sensor with mic 85-13058  
acoustic intensity techniques at the KU-FRL 85-13216  
alternative data sources /, Initialization o 85-13140  
an automatic finite element mesh generator, 85-13077  
complex SAR data, A novel algorithm for sea 85-13225  
different numerical codes, An investigation 85-13272  
electrostatic fields /, Galactic heavy-ion s 85-13127  
Fabry-Perot interferometer, Three component 85-13064  
face-to-face and side-by-side microphone arr 85-13299  
functional fault modeling, Error latency est 85-13230  
improved secondary combustion /, Control of 85-12505  
laser-induced iodine fluorescence, Flowfield 85-13433  
reduced-order models and reduced-order obser 85-13241  
satellite, aircraft and rawinsonde data, Kin 85-13451  
satellite observations of 300-1400 Å airglow 85-13206  
simulation and a visual display, Evaluation 85-13085  
standing wave analysis, Flutter and forced r 85-13261  
the deterministic-probabilistic contaminant 85-13720  
the sun as a source for G/T measurements /, 85-12090  
the technique of laser induced fluorescence, 85-13453  
viscoplastic models, A computer program for 85-13060  
Usual planting and harvesting dates for U.S. field 85-11876  
Utah /, Geologic map of the Beaver Lake Mountains 85-12893  
/, Geologic map of the Frisco Peak quadrangle 85-12894  
/, Map showing outcrops of thick, dominantly 85-12787  
/, Map showing selected surface-water data fo 85-12889  
/, Map showing selected surface-water data fo 85-12890  
/, Map showing selected surface-water data fo 85-12891  
/, Map showing selected surface-water data fo 85-12892  
/, Maps showing distribution of dissolved sol 85-12786  
/, Maps showing ground-water levels, springs, 85-12785  
/, Maps showing ground-water units and withdr 85-12784  
/, Sand-calcite crystals from Garfield County 85-12737  
/, Streamflow summaries from twelve tributari 85-11937  
and Colorado /, Geologic map of Dinosaur Nati 85-12888  
and Colorado /, Quantity and quality of strea 85-12740  
from color infrared aerial photography, 1982, 85-13378  
projects office, 1983 /, Reservoir management 85-12900  
statewide wilderness environmental impact sta 85-12731  
, and Millard Counties, Utah, Geologic map of 85-12841  
, Geologic map of the Lynndyl 30 x 60 minute q 85-12841  
, Hydrologic reconnaissance of the Kolob, Alto 85-12826  
, Quaternary faults in Lincoln and Uinta Count 85-12812  
's collaborative approach, first year prelimin 85-12467  
, ZIP4 state directory, Nevada, 85-13479  
, 1982 census of retail trade, Major retail c 85-12052  
Utah — Sunnyside STSA /, Draft air quality analysi 85-12730  
Utah ZIP4 state directory /, Nevada, 85-13479  
Utica, New York, as the "Alexander Pirnie Federal 85-12620  
utilities with nuclear power plants /, Organizatio 85-13723  
utility interactive dispersed storage and generati 85-13318  
management and the status of the R&D progr 85-13922  
of future satellite magnetic field data, P 85-13409  
power generation, Evaluation of gas-cooled 85-13160  
, environmental, safety., Personnel qualifi 85-12349  
utilization demonstration of a low cost cockpit pr 85-12339  
technologies program, ECUT, energy con 85-13235  
technologies program, ECUT energy conv 85-13338  
UTPS program UROAD /, Transportation network 85-13624  
anal 85-13036  
UV spectroscopic analysis, Determination of the su 85-13036
- ### V
- V-band IMPATT transmitter 85-13416  
VA reaches out to veterans in business :could you 85-13649  
vacuum pumps, and air-conditioning and refrigerati 85-12979  
Valencia, California, July 23, 1982 /, Aircraft ac 85-13588  
validation criteria., Defense Integrated Data Syst 85-12225  
criteria, D.I.D.S. procedures manual. V 85-12225  
criteria, DIDS procedures manual. Vol. 85-12225  
criteria, Edit/ 85-12225  
of H2OTRANS and DAYTRANS, two models 85-11905  
fo 85-12458  
validity of abilities learned in college for later 85-12164  
Valparaiso to Golfo de Arauco /, Chile, Bahia de 85-11909  
valuation of Louisiana's rural lands :short-run fi 85-13555  
rulings under the Trade Agreements Act o 85-11899  
value change in Pennsylvania timber stands /, Rate 85-12520  
engineering for wastewater treatment works / 85-11941  
values :a comparative review /, Empirical estimate 85-13114  
Statistical correlation of structural mode 85-13740  
valve loads /, Water hammer, flow induced vibratio 85-12799  
vanadium in bedrock samples, western Chichagof-Yak 85-13231  
vapor and liquid water content, and vertical profi 85-13115  
liquid water and surface winds over the glo 85-13351  
vaporization and the accretion of the icy satellit 85-13191  
variable area duct containing near sonic flows, Ac 85-12281  
(general)., Calibration procedure for sta 85-13547  
Variation, systematics, and zoogeography of Eleuth 85-12336  
variational analyses of DC series circuits for bas 85-13115  
variations in the water vapor, liquid water and su 85-13101  
varied mission requirements, Unconventional missile 85-13531  
Vatican City., Background notes, 85-12702  
VD interchange. 85-13616  
ve got it-use it!, Your shoulder harness :if you' 85-13169  
Vector wind gust model 85-11895  
vegetation inventory :an efficient procedure /, Un 85-11880  
of the Apalachicola National Forest., S 85-12949  
type map /, Craters of the Moon Nationa 85-12329  
vehicle activity on higher vertebrate populations 85-13329  
assessment, Hybrid

- " components relating to the implementation 85-13629  
 " model, Optimal symmetric flight with an in 85-13211  
 " standards 108, 202, 204, and 214 / , Estima 85-13629  
**vehicles** used to handle missiles and rockets, medi 85-12275  
 " , Performance of the Lester battery charge 85-13315  
 " , Propulsion issues for advanced orbit tra 85-13049  
 " , Space launch 85-13133  
**velocity** measurements using Fabry-Perot interferom 85-13064  
**Venezuela-North coast**, Golfo de Uruba to Puerto Ca 85-12168  
**Venezuela-Northeast coast**, Serpents Mouth to Rio O 85-12171  
**Vermont** / , Recreation benefits from an improvement 85-11988  
**VERNAL** software systems for steady-state visual ev 85-13197  
**VERRUN** and **VERNAL** software systems for steady- 85-13197  
 stat  
**version** of CSQII :examples for hydrogen-air mixtur 85-13733  
 " of strainrange partitioning / , Reliability 85-13404  
 " of the extended NASA-Langley Vortex Latic 85-13046  
 " , Public affairs information package, Span 85-12642  
**vertebrate** populations at Army installations / , Ef 85-12329  
**vertical** profiles of temperature in the lower trop 85-13231  
**Vessel** inventory report / 85-13643  
**veteran** population :1975 to 1980., Interstate migr 85-13651  
 " 's initiative : summary., An American sunri 85-12012  
 " 's initiative : technical report / , An Amer 85-12011  
**veterans** ask about joining the Army National Guard 85-12230  
 " in business :could you use a multibillion 85-13649  
 " organizations., Directory of 85-13650  
 " :your past experience is worth more to yo 85-12305  
 " cemetery in the state of Arizona ; , The 85-13937  
 " , to Increase the Rates of Subsistence and 85-12602  
**Veterans' Administration** health care amendments of 85-13938  
**Veterans' Administration Medical Center Located in** 85-12618  
**Veterans' Affairs**, House of Representatives., Acti 85-13688  
 " , House of Representatives, Ninet 85-13936  
**Veterans' Health Care Act** of 1984. 85-12597  
**Veto** of H.R. 1362 :message from the President of t 85-13679  
**vetoing** H.R. 1362, a bill for the relief of Joseph 85-13679  
**Viability** of seed produced on highly sodic coal mi 85-11914  
**vibration** analysis of rotating cyclic structures, 85-13362  
 " and safety/relief valve loads / , Water h 85-13740  
 " test of F-16 airplane with initial decou 85-13125  
**vicinity** of Calvert City, Kentucky., Floods on Ten 85-13762  
 " , Utah and Colorado / , Geologic map of Din 85-12888  
**Victim** witness handbook. 85-12992  
**victims** in the courts ; , Child sexual abuse 85-13898  
**video** camera and proximity sensor with microcomput 85-13058  
 " model deformation system for the national tr 85-13092  
 " recordings in the National Archives., Motion 85-12556  
**Vietnam Veterans Leadership Program** : a history of 85-12011  
 " : a history of 85-12012  
**view** from active-duty missile maintenance personne 85-12409  
**views** to accompany S. 2527., Federal-Aid Highway A 85-13671  
**vinyl** flooring industry :report to the Subcommitte 85-12981  
**violations** ; , Salt II 85-13775  
**Violence** and abuse in American families : 85-13793  
 " in the media ; , Crime and 85-13885  
**Virginia** of Certain Federal-Aid ...., An Act to El 85-12629  
 " , March 22-24, 1983 / , Global biology rese 85-13457  
 " , West Virginia., 1982 census of manufact 85-12021  
**virus** infections., The Study of child growth and d 85-12680  
**viscoelastic** characterization of structural adhesi 85-13193  
**viscoplastic** models, A computer program for predic 85-13060  
**viscous** fluid media, Impact experiments in 85-13222  
**vision**, Edge analyzing properties of center/surrou 85-13094  
**visual** display, Evaluation of HiMAT aircraft landi 85-13085  
 " evoked experimentation, The **VERRUN** and 85-13197  
**VERN**  
**vital** part of American medicine as an Army physica 85-12297  
 " statistics of the United States. 85-12691
- Vitrolite** and Carrara glass), The preservation of 85-12951  
**voc ed** / , Educational technology in 85-12435  
 " ed / , Volunteers and 85-12438  
**vocational** education / , An analysis of fiscal poli 85-12428  
 " education and youth employment / 85-12440  
 " education :imperative for excellence / , 85-12431  
 " environments :draft / , Teaching severel 85-12455  
 " instructional program advisory committe 85-12427  
 " rehabilitation in employment training / 85-12437  
 " / technical teachers / , Strategy for tec 85-12433  
**Vocational Education** and Defense Preparedness Semi 85-12451  
**Vocational Education Act** of 1963 to Strengthen and 85-12596  
**vocational-technical** student time on task / , Infla 85-12430  
**Vol. 10**, Multiple application references/instructi 85-12224  
 " . 11, Edit/validation criteria., Defense Integr 85-12225  
 " . 11, Edit/validation criteria, D.I.D.S. proced 85-12225  
 " . 11, Edit/validation criteria, DIDS procedures 85-12225  
 " . 13, Materiel management decision rule tables. 85-12226  
 " . 14, Reports and statistics., Defense Integrat 85-12227  
 " . 14, Reports and statistics, D.I.D.S. procedur 85-12227  
 " . 14, Reports and statistics, DIDS procedures m 85-12227  
 " . 16, Remote terminal system., Defense Integrat 85-12228  
 " . 16, Remote terminal system, D.I.D.S. procedur 85-12228  
 " . 16, Remote terminal system, DIDS procedures 85-12228  
 m  
**volcanic** and intrusive rocks on the Oregon and Was 85-12835  
**volcaniclastic** rocks, basin and range province, Ar 85-12755  
**Volkswagen Rabbit** at 34.3 MPH / , MDB-to-car side i 85-13630  
 " at 34.3 MPH / , MDB-to-car side i 85-13631  
**voltage** control in utility interactive dispersed s 85-13318  
 " regulator test sets (general), , Calibratio 85-12276  
 " regulators for terrestrial photovoltaic sy 85-13050  
**voltmeters** AN/URM-145 (Boonton, model 91CA), AN/ 85-12283  
 " UR 85-12283  
 " , Boonton, models 91C, 91CA-S4, 91DA, 91 85-12283  
**Volume** and biomass for curlleaf cercocarpus in Nev 85-11896  
 " and weight tables / , Sweetgum 85-11912  
 " measuring system, Development of limb 85-13177  
 " responses in partially dehydrated subjects 85-12341  
**volunteer** groups ; , Amending the National Historic 85-13820  
**volunteers** / , Water purification, distribution and 85-13485  
 " and voc ed / 85-12438  
**vortex** flow using different numerical codes, An in 85-13272  
 " generators on the power conversion performa 85-13062  
 " thunderstorms, Numeric and fluid dynamic re 85-13164  
**VT** / , Proceedings :new and improved techniques for 85-11938  
**vulnerability**., Strategic materials :technologies 85-13756
- W**
- W-1986**., United States of America, treasury notes 85-13553  
**Wachusett Inlets**, Glacier Bay, Alaska ; , Map of ma 85-12840  
**wage** ; , Youth employment and the minimum 85-13810  
 " survey. Cleveland, Ohio, metropolitan area / , 85-13013  
 " survey. Columbus, Ohio, metropolitan area / , 85-13015  
 " survey. Indianapolis, Indiana, metropolitan a 85-13014  
**waiver** program / , Handicapped driver 85-13602  
**Waiving** certain points of order against the confer 85-13684  
**wake** / , Analysis of noise measured from a propelle 85-13464  
**Wallowa-Whitman National Forest**., Campground infor 85-11881  
**walls** sheathed on two sides / , Racking performance 85-11892  
**warfare** operations., Personnel qualification stand 85-12353  
 " systems specialist (AFSC 32853) / , Electro 85-12391  
**warhead**, ADU-452A/B, part no. HA020503-301-00., St 85-12376  
**warm-season** grass : how to identify, establish, an 85-11957  
**warning** and crop condition assessment, Early 85-13418  
**Warrant Officer** candidate course guide. 85-12334

- Washington /, Summary prehistory and ethnography o 85-12946  
 " /, Timber resources in areas developed 85-11932  
 " continental shelf, Tertiary volcanic an 85-12835  
 " field recordings in the Archive of Folk 85-13018  
 " D.C. /, Taxi regulation in a free entr 85-13587  
 " Hunting /, Ridgefield National Wildlife 85-12956  
 " Principal facts for one-hundred-six gr 85-12807  
 " ZIP4 state directory. 85-13480  
 " 1976 /, Umatilla National Forest, Oreg 85-11887  
 " 1982 census of manufactures. Prelimi 85-12022  
 " 1984 /, Gifford Pinchot National Fores 85-11884  
 Washington Dulles International Airport :report (t 85-13666  
 Washington Metropolitan Area Transit Authority : 85-13801  
 Washington ZIP4 state directory / 85-13480  
 waste /, Use of short-term bioassays to evaluate e 85-12494  
 " ;, Importation of solid 85-13833  
 " in accordance with US Army guidelines., Hand 85-12250  
 " packages of the General Electric Vallecitos 85-13736  
 " repository site projects /, Progress in eval 85-13734  
 " sites :descriptions of 244 sites on proposed 85-12479  
 " test cells /, Comparison of leachate charact 85-12492  
 wastes and waste packages of the General Electric 85-13736  
 " :annual report /, Organic complexant-enhanc 85-13743  
 " at sea ;, Incineration of hazardous 85-13877  
 " containing large amounts of tritium /, Alte 85-13741  
 " resulting from March 28, 1979 accident Thre 85-13704  
 " :topical report /, Solidification and leach 85-13737  
 wastewater treatment works /, Value engineering fo 85-12520  
 " treatment works construction grants pro 85-12519  
 wastewaters :a resource document /, Toxicity treat 85-12495  
 water and surface winds over the global oceans, Ni 85-13115  
 " basin and range province, Utah /, Maps showi 85-12786  
 " by the Winkler method /, Comparison of resul 85-12098  
 " conservation practices in the Texas High Pla 85-11853  
 " conservation projects :summary report /, Res 85-12724  
 " contamination and depletion problems in the 85-13872  
 " content, and vertical profiles of temperatur 85-13231  
 " development appropriations for fiscal year 1 85-13774  
 " filtration at Duluth / 85-12489  
 " fog density /, X-ray measurements of 85-13719  
 " hammer, flow induced vibration and safety/re 85-13740  
 " hammer occurrence in nuclear power plants :t 85-13709  
 " impact test of aft skirt end ring, and mid r 85-13167  
 " in agricultural areas of the San Luis Valley 85-12788  
 " levels., Great Lakes 85-12110  
 " levels and on water quality in the Santa Bar 85-12738  
 " pollution and water resources. 85-12540  
 " purification, distribution and sewage dispos 85-13485  
 " quality at St. Albans Bay, Vermont /, Recrea 85-11988  
 " quality in the Santa Barbara Ground-water ba 85-12738  
 " quality practices in the Southeast /, Use an 85-11984  
 " resources., Water pollution and 85-12540  
 " resources and data-network assessment of the 85-12748  
 " resources appraisal for hydroelectric licens 85-12417  
 " resources data. Alaska. 85-12794  
 " resources data. Alaska, U.S.G.S. 85-12794  
 " resources data. Alaska, USGS 85-12794  
 " runoff and soil erosion., Effects of land-us 85-11967  
 " stress in western coniferous forests /, Docu 85-11905  
 " treatment plants /, Removal of giardia lambi 85-12487  
 " use equipment for power plant cooling /, App 85-12901  
 " vapor and liquid water content, and vertical 85-13231  
 " vapor, liquid water and surface winds over t 85-13115  
 " A radiative transfer model for remote sensi 85-13353  
 " basin and range province, Arizona /, Maps s 85-12751  
 " basin and range province, Arizona /, Maps s 85-12752  
 " basin and range province, Idaho /, Maps sho 85-12766  
 " basin and range province, New Mexico /, Map 85-12770  
 " basin and range province, New Mexico /, Map 85-12771  
 " basin and range province, northern Californ 85-12758  
 " basin and range province, Oregon /, Maps sh 85-12779  
 " basin and range province, Southern Californ 85-12760  
 " basin and range province, southern Californ 85-12761  
 " basin and range province, Texas /, Maps sho 85-12782  
 " basin and range province, Texas /, Maps sho 85-12783  
 Water Conservation District resources inventory., 85-11956  
 Water-resources appraisal of the upper Arkansas Ri 85-12749  
 Water Service Contract for the Frenchman Unit of t 85-12579  
 waterbody surveys and assessments for conducting u 85-12525  
 Waterborne commerce of the United States. Part 1, 85-12318  
 " commerce of the United States. Part 2, 85-12319  
 Waterford Steam Electric Station, Unit No. 3, dock 85-13705  
 " Unit no. 3, dock 85-13712  
 waterfowl habitat preservation program for the Col 85-12955  
 " exhibition poultry, and game birds., Na 85-12006  
 " exhibition poultry, and game birds, Dir 85-12006  
 Waterproof outergarments (industry 2385), 1982 ce 85-12028  
 waters /, Health effects criteria for fresh recrea 85-12484  
 " basin and range province, Idaho /, Maps sh 85-12765  
 " basin and range province, Northern Califor 85-12757  
 " basin and range province, Utah /, Maps sho 85-12785  
 watershed and plot data /, The Quality of Agricult 85-11970  
 " projects., Small 85-11858  
 watersheds of the Fraser Experimental Forest /, Ef 85-11904  
 Waterways and harbors, Atlantic Coast 85-12318  
 " and harbors, Atlantic Coast /, Waterborn 85-12318  
 " and harbors, Gulf Coast, Mississippi Riv 85-12319  
 wave amplifier, Dye laser traveling 85-13408  
 " analysis, Flutter and forced response of mist 85-13261  
 " devices to radio telemetry, Application of su 85-13273  
 " interactions in swept-wing flows, Six-month p 85-13312  
 " transmission systems and related devices, Mil 85-13245  
 waveform to maximize scattering from a flat plate 85-12361  
 waves in satellite communications /, Polarization 85-12117  
 Wayne-Hoosier National Forest Campgrounds., Campgr 85-11882  
 Ways and Means., Report on legislative review acti 85-13686  
 " and Means, U.S. House of Representatives, inv 85-12981  
 Weapon control systems technician (F-4C/D: APQ-109 85-12389  
 " to prevent enemy use., Procedure for destru 85-12265  
 weapons control., Personnel qualification standard 85-12351  
 wear of iron, Interaction of sulfuric acid corrosi 85-13075  
 weather and climate, Land-surface influences on 85-13271  
 " and physiographic conditions on temperatur 85-11904  
 " equipment technician (AFSC 30270) / 85-12387  
 " observations :for Supplementary Aviation W 85-12016  
 " on aviation safety ;, The impact of 85-13917  
 Weathertronics model 5020, and Foxboro, model A127 85-12285  
 Weaving mills, manmade fiber and silk (industry 22 85-12024  
 Weddell Sea /, Sea ice data buoys in the 85-12323  
 Weed control for establishing intensively cultured 85-11918  
 " control on Sharkey clay soil /, Ten-year grow 85-11928  
 " science, agricultural chemicals technology, a 85-11965  
 week beginning on October 7, 1984, as "Mental Ill 85-12575  
 Week Beginning May 20, 1985, as "National Medical 85-12631  
 weighing and measuring devices /, Specifications, 85-12086  
 weight and consumer price of late model vehicle co 85-13629  
 " tables /, Sweetgum volume and 85-11912  
 weights (mass) (general), Calibration procedure f 85-12286  
 Weinschel engineering model 4311B option 3., Calib 85-12277  
 Weinschel Engineering Company model 432AP-2 (NSN 85-12262  
 4 85-12412  
 Welcome to the United States Air Force Academy. 85-12379  
 Welcome! Class of 1986. 85-13739  
 weld cladding overlay /, Charpy toughness and tens 85-12904  
 Welding repair to hydraulic equipment. 85-12531  
 welfare effects of United States restrictions on H 85-12565  
 " CFR. 45, Public

- " , Code of federal regulations. 45, Public 85-12565  
 " , Public 85-12565  
 wells /, Methods for determining the mechanical in 85-12491  
 " basin and range province, Oregon /, Maps sho 85-12777  
 " drilled for oil and gas deeper than 15,000 f 85-12822  
 " drilled for oil and gas deeper than 20,000 f 85-12823  
 west African countries., Preprint from the ... Bur 85-12912  
 " African countries, Mineral industry of other 85-12912  
 " coast, Nicaragua-Costa Rica, Corinto to Punta 85-12163  
 " coast, Tarapur to Bankot /, India, 85-12199  
 " coasts, Manukau Harbor to Maunganui Bluff and 85-12207  
 " coasts of Spain, Cabo Silleiro to Cabo Penas 85-12173  
 " of the Port Graham Fault, Alaska, Geologic ma 85-12830  
 West Germany :the effect of agricultural policy on 85-11990  
 " , Ameland to Fano /, North Sea, Denmark 85-12177  
 West Virginia /, Dolly Sods Wilderness and Scenic 85-11885  
 " :hydraulic model investigation /, R. 85-12320  
 " ), 1982 census of manufactures. Prel 85-12021  
 " , 1982 census of wholesale trade. Ge 85-12072  
 western Chichagof-Yakobi Islands Wilderness study 85-12795  
 " Chichagof-Yakobi Islands Wilderness study 85-12796  
 " Chichagof-Yakobi Islands Wilderness study 85-12797  
 " Chichagof-Yakobi Islands Wilderness study 85-12798  
 " Chichagof-Yakobi Islands Wilderness study 85-12799  
 " Chichagof-Yakobi Islands Wilderness study 85-12800  
 " Chichagof-Yakobi Islands Wilderness study 85-12801  
 " Chichagof-Yakobi Islands Wilderness study 85-12802  
 " Chichagof-Yakobi Islands Wilderness study 85-12803  
 " Chichagof-Yakobi Islands Wilderness study 85-12804  
 " coniferous forests /, Documentation and pr 85-11905  
 " Minnesota /, Appraisal of the surficial aq 85-12789  
 " Montana Douglas-fir forest /, Early postfi 85-11894  
 " United States, Computer program directory 85-12833  
 " Washington /, Timber resources in areas de 85-11932  
 " white pine /, Short internodes in 85-11913  
 " whitewater boating rivers managed by feder 85-12947  
 Western Australia, Houtman Abrolhos and adjacent c 85-12205  
 Western Helicopters, Inc., Bell UH-1B, N87701, Val 85-13588  
 Westmoreland Resources' Absaloka Mine revised plan 85-12732  
 wet deposition of methyl iodide /, Laboratory meas 85-13745  
 " traction /, An Evaluation of methods to invest 85-13634  
 wetlands : report of a workshop conducted at Arlin 85-13457  
 Wheat :background for 1985 farm legislation. 85-11860  
 " exports /, Cargo preference and U.S. 85-11989  
 wheel mounted, gasoline engine driven, 2 wheel, pn 85-12255  
 " mounted, pneumatic tires, diesel driven, 600 85-12258  
 " , pneumatic tires, 3 to 10 ton per hr. (NSN 3 85-12255  
 " , 10 ton, w/scarifier and sprinkler, NSN 3895 85-12256  
 " , 10 ton, w/scarifier and sprinkler, NSN 3895 85-12257  
 wheelchairs :innovations and federal policy /, The 85-13753  
 Wheeling Creek Watershed Protection District Compa 85-13887  
 whips, riding crops, and canes; matches, pyrotechn 85-12980  
 whistle in the federal government :a comparative a 85-13030  
 white pine /, Short internodes in western 85-11913  
 White Cloud-Boulder roadless area, Custer County, 85-12808  
 White House fellowships, The 85-13495  
 whitewater boating rivers managed by federal agenc 85-12947  
 Whitman Mission National Historic Site /, Landscap 85-12948  
 wholes trade. Geographic area series. Iowa., 1982 85-12059  
 wholesale trade. Geographic area series. Alabama., 85-12053  
 " trade. Geographic area series. Arkansas. 85-12054  
 " trade. Geographic area series. Connecticut 85-12055  
 " trade. Geographic area series. Delaware. 85-12056  
 " trade. Geographic area series. Florida., 85-12057  
 " trade. Geographic area series. Illinois. 85-12058  
 " trade. Geographic area series. Kansas., 85-12060  
 " trade. Geographic area series. Kentucky. 85-12061  
 " trade. Geographic area series. Maryland. 85-12062  
 " trade. Geographic area series. Michigan. 85-12063  
 " trade. Geographic area series. Mississippi 85-12064  
 " trade. Geographic area series. Missouri. 85-12065  
 " trade. Geographic area series. New Jersey 85-12066  
 " trade. Geographic area series. New York. 85-12067  
 " trade. Geographic area series. North Car 85-12068  
 " trade. Geographic area series. North Dak 85-12069  
 " trade. Geographic area series. Pennsylvan 85-12070  
 " trade. Geographic area series. South Car 85-12071  
 " trade. Geographic area series. United St 85-12074  
 " trade. Geographic area series. West Virg 85-12072  
 " trade. Geographic area series. Wisconsin 85-12073  
 wild fires /, The legal system, the U.S. Forest Se 85-11898  
 " geese :teaching creative thinking : Smithsoni 85-13544  
 Wild Free-Roaming Horse and Burro Act., Report to 85-12733  
 " and Burro Act, Administrat 85-12733  
 Wild Horse & Burro Adoption Center, Cross Plains, 85-12958  
 wilderness analysis reports, 1984 :Cabezon WSA, Em 85-12968  
 " area, Washington, Principal facts for o 85-12807  
 " environmental impact statement., Scopin 85-12731  
 " final environmental assessment., Albuqu 85-12963  
 " final environmental assessment., Las Cr 85-12965  
 " lands in the western United States, Com 85-12833  
 " program for the Phoenix Wilderness EIS 85-12729  
 " technical report., Esmeralda-Southern N 85-12957  
 " , and for Other Purposes., An Act to Des 85-12573  
 Wildlife and fisheries 85-12571  
 " and fisheries 85-12572  
 " and fisheries., Code of federal regulatio 85-12571  
 " and fisheries., Code of federal regulatio 85-12572  
 " and fisheries, CFR. 50, 85-12571  
 " and fisheries, CFR. 50, 85-12572  
 " in the Trinity River Basin, California, a 85-12601  
 Willacy Counties, Texas /, Land protection plan fo 85-12953  
 William W. Hoover to be Assistant Secretary of En 85-13788  
 Wilmington, Illinois, July 28, 1983 /, Railroad/hi 85-13590  
 wind direction data, Preliminary study of (2-D) di 85-13207  
 " gust model, Vector 85-13169  
 " turbine, Effect of vortex generators on the p 85-13062  
 windblown sediment experiments aboard a space stat 85-13454  
 winds near upwind and downwind from the SASS-1 mod 85-13143  
 " over the global oceans, Nimbus 7 SMMR derive 85-13115  
 wine :, Market expansion for U.S.-produced 85-13942  
 wing configurations, Numerical optimization design 85-13109  
 " during reentry heating, Thermal response of s 85-13106  
 wings having vortex flow using different numerical 85-13272  
 " , A Fundamental approach to the sticking of i 85-13310  
 " , An analytical design procedure for the dete 85-13429  
 Winkler method /, Comparison of results of United 85-12098  
 winter storms operations plan /, National 85-12097  
 wire drawing and insulating (industry 3357), 1982 85-12031  
 Wisconsin power plant impact study /, A simple tra 85-12496  
 " , 1982 census of wholesale trade. Geogra 85-12073  
 Wisconsin :Wisconsin power plant impact study /, I 85-12497  
 Withdraw and reserve certain public lands for mili 85-13821  
 withdrawal, basin and range province, Arizona /, M 85-12750  
 " , basin and range province, New Mexico / 85-12769  
 " , basin and range province, Southern Cal 85-12759  
 " , basin and range province, Texas /, Map 85-12781  
 " , basin and range province, Utah /, Map 85-12784  
 " , ground-water levels, springs, and dept 85-12757  
 witness handbook., Victim 85-12992  
 " , Forensics :when science bears 85-12988  
 Witness Protection Act : 85-13891  
 women :, U.S. contribution to the U.N. decade for 85-13848  
 " at work in industrial America /, Perfect in 85-13545  
 " in defense., Going strong! : 85-12132  
 " , Fertility of American 85-12043  
 wood burning appliance /, Study of the effectiveness 85-12504

" burning heating stoves., Coal and	85-13696
" heater report, phase II (1981-1983) /, Reside	85-13763
" preservative pesticides :creosote, pentachlor	85-12523
" shipments to Puerto Rico /	85-11911
" stove emissions using improved secondary comb	85-12505
wood-using industries in northern New England and	85-11920
Word processing :a guide to program planning /	85-12439
" synchronization properties of the outer code	85-13257
" usage., A style guide for CBO :about writing	85-13946
work /, A society based on	85-12432
" in a stream /, Planning	85-12328
" in industrial America /, Perfect in her place	85-13545
" in nonsheltered vocational environments :draf	85-12455
workbook for quality assurance., Department of Def	85-12237
" :human requirements of flight /, Student	85-12380
" .. Message preparation ACP 127 ( ) tape fo	85-12316
" .. Small business tax workshop :	85-13579
worker /, Primary insurance amount for an average	85-12645
" employment comes of age :practice and poten	85-13698
workers in state agricultural experiment stations	85-11875
Workers' Compensation Programs :, Problem of delay	85-13868
working dogs., Military police :military	85-12253
" in the cold /, Blood volume responses in p	85-12341
" papers /, The National crime survey :	85-13006
works /, Value engineering for wastewater treatmen	85-12520
" construction grants program /, Internal cont	85-12519
" .. Guyandot River, West Virginia :hydraulic mo	85-12320
workshop conducted at Arlington, Virginia, March 2	85-13457
" held at Goddard Space Flight Center, Gree	85-13458
" held at Goddard Space Flight Center, Gree	85-13459
" proceedings :approaches for improving the	85-12485
" :workbook., Small business tax	85-13579
workshops for secondary teachers of basic skills :	85-12475
world /, Training for a technological	85-12434
" area and country., U.S. exports. Schedule E	85-12042
" area and country of origin by schedule A com	85-12041
" area and country, Schedule E commodity group	85-12042
" area and country, US exports. Schedule E com	85-12042
" as of ..., Detailed listing of real property	85-12554
" economy., Preprint from the ... Bureau of Mi	85-12941
" economy, Minerals in the	85-12941
" economy :November 22, 1984., The medium-	85-13520
" food aid needs and availabilities /	85-11978
" food supply and demand :implications for dev	85-11987
" of technology for sharing :America's interna	85-13592
" port index.	85-12149
World Bank, and the IMF :, Africa, the	85-13847
worth more to you now., Veterans :your past experi	85-12305
Worthing to Dover and Courseulles to Cap Gris-Nez	85-12175
wound case in the NSWC Hydroballistics Facility, P	85-13168
wrecker M62, medium wrecker truck M543 series, and	85-12275
" truck M543 series, and M816, and wrecker-t	85-12275
wrecker-truck tractor M246 series, and M819., Load	85-12275
writing and word usage., A style guide for CBO :ab	85-13946
" :phase I : final report /, Research in eff	85-12453
wrought materials, Influence of soft inclusions on	85-13277
WWVH :frequency-time broadcast services.	85-12085
Wyandotte Tribe of Oklahoma and to Restore Certain	85-12626
Wyoming /, Floods of May 1978 in southeastern Mont	85-12744
" .., The mid-Cretaceous frontier formation n	85-12745
" .. and Rich County, Utah, Quaternary faults	85-12812
Wyoming :High Plains RASA Project /, Geohydrology	85-12747

## X

x-ray emission from supernova remnants and other n	85-13428
" measurements of water fog density /	85-13719

" screening protocol for extremity injuries /,	85-12692
" spectra of solar and cosmic sources, High re	85-13266
x-rays from solar flares, The impulsive hard	85-13452
xenon ion thruster, Performance capabilities of th	85-13059
XSECT	85-13044

## Y

Yakutat Bay and Dry Bay, Eastern Gulf of Alaska, I	85-12805
Yavapai Counties, Arizona /, Proposed wilderness p	85-12729
year ... :, Allocation of budget totals for fiscal	85-13685
" ... Select Committee on Narcotics Abuse and C	85-13692
" : December 3, 1984., The Stockholm conference	85-13518
" : report to the Congress /, Implementation of	85-12536
" ended ..., Annual report of the Securities an	85-13542
" ended September 30, 1983 :report to the Congr	85-12533
" preliminary report /, Applying research to te	85-12467
" results /, Fourwing saltbush establishment in	85-11922
" 1982, Solar parabolic dish annual technology	85-13229
" 1983, and one revision to a previously report	85-13675
" 1984., Supplemental appropriations :communica	85-13674
" 1984 and amendments to the request for approp	85-13674
" 1985 :, Agriculture, rural development, and r	85-13776
" 1985 :, Department of Defense authorization f	85-13787
" 1985 :, Department of Energy research and dev	85-13818
" 1985 :, Departments of Commerce, Justice, Sta	85-13777
" 1985 :, Energy and water development appropri	85-13774
" 1985 :, Legislative branch appropriations for	85-13779
" 1985 budget authorization of Immigration and	85-13895
" 1985 :House/Senate hearings, Committee on App	85-13558
yearbook /, Minerals	85-12909
" . Minerals in the world economy., Preprint	85-12941
" . The mineral industry of Argentina., Prep	85-12913
" . The mineral industry of Australia., Prep	85-12914
" . The mineral industry of Austria., Preprint	85-12915
" . The mineral industry of Brazil., Preprint	85-12916
" . The mineral industry of Canada., Preprint	85-12917
" . The mineral industry of Chile., Preprint	85-12918
" . The mineral industry of China., Preprint	85-12919
" . The mineral industry of Denmark and Gree	85-12920
" . The mineral industry of Finland., Preprint	85-12921
" . The mineral industry of France., Preprint	85-12922
" . The mineral industry of Hungary., Preprint	85-12925
" . The mineral industry of India., Preprint	85-12926
" . The mineral industry of Ireland., Preprint	85-12908
" . The mineral industry of Japan., Preprint	85-12927
" . The mineral industry of Malaysia., Preprint	85-12929
" . The mineral industry of Mexico., Preprint	85-12930
" . The mineral industry of New Hampshire.,	85-12931
" . The mineral industry of New Zealand., Pr	85-12932
" . The mineral industry of other central Af	85-12911
" . The mineral industry of other east Afric	85-12910
" . The mineral industry of other west Afric	85-12912
" . The mineral industry of Peru., Preprint	85-12933
" . The mineral industry of Romania., Preprint	85-12935
" . The mineral industry of Saudi Arabia., P	85-12936
" . The mineral industry of Spain., Preprint	85-12937
" . The mineral industry of Sweden., Preprint	85-12938
" . The mineral industry of Thailand., Preprint	85-12939
" . The mineral industry of the Federal Repu	85-12923
" . The mineral industry of the German Democ	85-12924
" . The mineral industry of the Philippines.	85-12934
" . The mineral industry of the Republic of	85-12928
" . The mineral industry of Turkey., Preprint	85-12940
years /, Nuttall oak direct seedlings still succes	85-11926
yields of major dissolved ions of streams in the U	85-12741
" of site-prepared loblolly pine plantations	85-11943

" of timber and forest biomass in the Southeast 85-11907  
 " , Computer analysis of effects of altering j 85-13392  
**Yongdeng Ansha** /, Indonesia, South China Sea, Yong 85-12210  
**Yongshu Jiao** to P'o-lang Chiao /, South China Sea, 85-12212  
 " to Yongdeng Ansha /, Indonesia, South 85-12210  
**young** hardwood crop trees :use of a chain saw cost 85-11901  
**Young Volunteers** in Action., Who needs you? :we do 85-12014  
**youth** : Prevention of drug abuse among 85-13879  
 " employment /, Vocational education and 85-12440  
 " employment and the minimum wage : 85-13810  
 " programs :a scientific exchange of rural you 85-11954  
 " programs between the U.S.A. and the People's 85-11954  
**yttrium** in bedrock samples, western Chichagof-Yako 85-12802  
**Yugoslavia**, Otok Brac to Dubrovnik /, Mediterranean 85-12192  
**Y612X21-FH-11-111-77**, Weathertronics model 5020, a 85-12285

## Z

**Zilwaukee Bridge**, Saginaw, MI : 85-13916  
**zinc** in bedrock samples, western Chichagof-Yakobi 85-12804  
**ZIP4** state directory. Nevada, Utah 85-13479  
 " state directory. Washington 85-13480  
**zoogeography** of *Eleutherodactylus guentheri* and cl 85-13547  
**Z12223**), Hand receipt catalog covering content of 85-12268

## 0-9

**000** feet in the conterminous United States and off 85-12822  
 " feet in the conterminous United States and off 85-12823  
 " , DC parallel circuits for basic electricity and 85-12337  
 " , variational analyses of DC series circuits for 85-12336  
 " .3-meter transonic cryogenic tunnel, High Reyn- 85-13034  
 " old 85-13034  
 " , 666.10, 692.34, and 692.35., Summary of trade 85-12978  
 " , 668.02, 668.04, 668.5, 668.06, 668.07, and 668 85-12977  
**00-402.08**, 402.24-402.32, 402.36 (pt.), 402.40-404 85-12972  
**1** /, Instructor's guide for introduction to leader 85-12245  
 " /, Use of microwave oven in geotechnical ap- 85-12905  
 " plica 85-12905  
 " and #2 between NASA and the Department of 85-13414  
 " Earth 85-13414  
 " and 2 :docket nos. 50-413 and 50-414, Duke 85-13711  
 " Power 85-13711  
 " and 2 :docket nos. 50-445 and 50-446 : Texas Uti 85-13706  
 " :docket no. STN 50-483 : appendix "A" to lisen 85-13713  
 " June 1980 to 30 April 1983 on agreement NAG5- 85-13414  
 " 35 85-13414  
 " Northern Europe, Station F (Argentina) /, 85-12150  
 " Omega 85-12150  
 " nuclear power plant /, Interim reliability evalu 85-13729  
 " (d) of rule XI of the rules of the House of Repre 85-13691  
 " , docket no. STN 50-454 : appendix "A" to lisen 85-13716  
 " , docket no. STN 50-483 : Union Electric Compa- 85-13708  
 " ny., 85-13708  
 " , Final report to The National Aeronautics and Sp 85-13441  
 " ., Materials licensing study :phase 85-13724  
 " , MOS 93J., Air traffic control radar controller 85-12270  
 " , Waterways and harbors, Atlantic Coast /, 85-12318  
 " Waterb 85-12318  
 " /2 : soldier's manual., Aircraft fire control rep 85-12271  
 " , 1982 /, Proceedings, Vocational Education and 85-12451  
 " D 85-12451  
**1A** pipeline project :environmental assessment : Al 85-12418  
**1\*x** 2° quadrangle, New Mex 85-12839  
 " 2° quadrangle, Arizona 85-12816  
 " 2° quadrangle, Montana, 85-12825  
**1st** half CY 84), Equipment improvement report and 85-12292

" half CY 84), Equipment improvement report and 85-12293  
**2** : proceedings of a workshop held at Goddard Spac 85-13458  
 " : soldier's manual., Aircraft fire control repai 85-12271  
 " between NASA and the Department of Earth 85-13414  
 " and Pla 85-13414  
 " :docket nos. 50-413 and 50-414, Duke Power 85-13711  
 " Compa 85-13711  
 " :docket nos. 50-445 and 50-446 : Texas Utilities 85-13706  
 " in selected states /, Kaleidoscopes :emerging pa 85-12471  
 " kHz :area 01 Northern Europe, Station F (Ar- 85-12150  
 " genti 85-12150  
 " kHz :area 04, Alaska, station E (Reunion) /, Ome 85-12151  
 " kHz :area 04, Alaska, station G (Australia) /, O 85-12152  
 " kHz :area 06, Greenland, station A (Norway) /, 85-12153  
 " O 85-12153  
 " kHz :area 07, Mediterranean, station H (Japan) / 85-12154  
 " kHz :area 08, Asia, station C (Hawaii) /, Omega 85-12155  
 " kHz :area 09, Northwest Pacific Station G (Austr 85-12156  
 " kHz :area 10, central Pacific, station G (Austra 85-12157  
 " kHz :area 11, North America, station G (Australi 85-12158  
 " kHz :area 17, east Pacific, station D (North Dak 85-12159  
 " to national priorities list, October 1984., Haza 85-12479  
 " um, Analysis of carbon dioxide bands near 2. 85-13275  
 " wheel, pneumatic tires, 3 to 10 ton per hr. (NSN 85-12255  
 " , docket no. 50-320 :final supplement dealing wit 85-13704  
 " , docket no. 50-341 :Detroit Edison Company, et a 85-13707  
 " , docket no. 50-412 :Duquesne Light Company, et 85-13715  
 " a 85-13715  
 " , Fire control technician B 3 & 85-12347  
 " , Waterways and harbors, Gulf Coast, Mississippi 85-13219  
 " 2 um, Analysis of carbon dioxide bands near 85-13275  
 " ,4-dichlorophenoxyacetic acid /, Teratology and p 85-12486  
 " .29-meter (7.5-ft.) span EET high-lift research m 85-13042  
 " , 401.04, 401.12-401.16, 401.20, 401.30-401.42, 85-12972  
 " , 668.04, 668.5, 668.06, 668.07, and 668.10., Su 85-12977  
**2-D)** digital filtering for dealeasing NOSS wind di 85-13207  
**2-effects** of pumping on water levels and on water 85-12738  
**2-line** and 8-line communications multiplexors main 85-12372  
**02-474.62**, Summary of trade and tariff informatio 85-12976  
**02-756.60**, Summary of trade and tariff informatio 85-12980  
**II** injection wells /, Methods for determining the 85-12491  
 " (1981-1983) /, Residential wood heater report, 85-13763  
 " , electricity, electronics, and electrical armam 85-12340  
 " , Reed Solomon codes for error control in byte o 85-13359  
**2°** quadrangle, New Mexico-Arizona, Min 85-12839  
**2°** quadrangle, Arizona and California, 85-12816  
 " , Montana, Preliminary com 85-12825  
**3** /, Instructor's readings for instructor's guide 85-12243  
 " : instructor's guide for applied leadership deve 85-12244  
 " & 2., Fire control technician B 85-12347  
 " design, fabrication and evaluation of an oxide d 85-13399  
 " design, fabrication and evaluation of an oxide d 85-13400  
 " :docket no. 50-423, Northeast Nuclear Energy 85-13714  
 " Com 85-13714  
 " MPH /, MDB-to-car side impact test of a 19 85-13630  
 " crabb 85-13630  
 " MPH /, MDB-to-car side impact test of a 19 85-13631  
 " crabb 85-13631  
 " to 10 ton per hr. (NSN 3895-00-755-4761) : Orga 85-12255  
 " wheel, 10 ton, w/scarifier and sprinkler, NSN 38 85-12256  
 " wheel, 10 ton, w/scarifier and sprinkler, NSN 38 85-12257  
 " , Calibration procedure for automatic phase lock 85-12277  
 " , docket no. 50-382 :appendix "A" to license no 85-13712  
 " , docket no. 50-382 :Louisiana Power & Light 85-13705  
 " Comp 85-13705  
**3-M)** systems., Personnel qualification standard fo 85-12350  
**3-meter** transonic cryogenic tunnel, High Reynolds 85-13034  
**III** /, Airbag demonstration program :phase 85-13627

- III Corps and Ft Hood and program manager M1 Abram 85-12238  
 3DPNS algorithm for subsonic flow, Progress on a g 85-13182  
 4 band 6 data evaluation, LANDSAT 85-13365  
 " band 6 data evaluation, LANDSAT 85-13375  
 " investigations of thematic mapper and multispect 85-13370  
 " investigations of thematic mapper and multispect 85-13380  
 " program, LANDSAT 85-13366  
 " RS code", "An extended d(min) = 85-13282  
 " , Accounts., Code of federal regulations. 85-12558  
 " , Accounts, CFR. 85-12558  
 " , Alaska, station E (Reunion) / , Omega propagati 85-12151  
 " , Alaska, station G (Australia) / , Omega propaga 85-12152  
 " - by 7-meter tunnel, Pressure distribution data f 85-13042  
 " , weapons control., Personnel qualification stand 85-12351  
 " .0, variational analyses of DC series circuits fo 85-12336  
 " , 401.12-401.16, 401.20, 401.30-401.42, 401.46-4 85-12972  
 " , 668.5, 668.06, 668.07, and 668.10., Summary of 85-12977  
 4-dichlorophenoxyacetic acid / , Teratology and pos 85-12486  
 04-376.28., Summary of trade and tariff informatio 85-12971  
 5 electrical., Personnel qualification standard fo 85-12356  
 " :labor standards provisions applicable to contra 85-13016  
 " minute series (topographic) ; 7. 85-12844  
 " minute series (topographic) ; 7. 85-12845  
 " minute series (topographic) ; 7. 85-12846  
 " minute series (topographic) ; 7. 85-12847  
 " minute series (topographic) ; 7. 85-12848  
 " minute series (topographic) ; 7. 85-12849  
 " minute series (topographic) ; 7. 85-12850  
 " minute series (topographic) ; 7. 85-12851  
 " minute series (topographic) ; 7. 85-12852  
 " minute series (topographic) ; 7. 85-12853  
 " minute series (topographic) ; 7. 85-12854  
 " minute series (topographic) ; 7. 85-12855  
 " minute series (topographic) ; 7. 85-12856  
 " minute series (topographic) ; 7. 85-12857  
 " minute series (topographic) ; 7. 85-12858  
 " minute series (topographic) ; 7. 85-12859  
 " minute series (topographic) ; 7. 85-12860  
 " minute series (topographic) ; 7. 85-12861  
 " minute series (topographic) ; 7. 85-12862  
 " minute series (topographic) ; 7. 85-12863  
 " minute series (topographic) ; 7. 85-12864  
 " minute series (topographic) ; 7. 85-12865  
 " minute series (topographic) ; 7. 85-12866  
 " minute series (topographic) ; 7. 85-12867  
 " minute series (topographic) ; 7. 85-12868  
 " minute series (topographic) ; 7. 85-12869  
 " minute series (topographic) ; 7. 85-12870  
 " minute series (topographic) ; 7. 85-12871  
 " minute series (topographic) ; 7. 85-12872  
 " minute series (topographic) ; 7. 85-12873  
 " minute series (topographic) ; 7. 85-12874  
 " minute series (topographic) ; 7. 85-12875  
 " minute series (topographic) ; 7. 85-12876  
 " minute series (topographic) ; 7. 85-12877  
 " minute series (topographic) ; 7. 85-12878  
 " minute series (topographic) ; 7. 85-12879  
 " minute series (topographic) ; 7. 85-12880  
 " minute series (topographic) ; 7. 85-12881  
 " minute series (topographic) ; 7. 85-12882  
 " minute series (topographic) ; 7. 85-12883  
 " minute series (topographic) ; 7. 85-12884  
 " minute series (topographic) ; 7. 85-12885  
 " minute series (topographic) ; 7. 85-12886  
 " minute series (topographic) ; 7. 85-12887  
 " of the Code of Federal Regulations., Regulations 85-13016  
 " , electrical., Personnel qualification standard f 85-12348  
 " .0, DC parallel circuits for basic electricity an 85-12337  
 " /69-4507-2., Student handout: noise in Army aviat 85-12309  
 " , 480.10, 480.35-480.60, and 480.70-480.80., Sum 85-12975  
 " , 668.06, 668.07, and 668.10., Summary of trade a 85-12977  
 5-ft.) span EET high-lift research model in Langle 85-13042  
 5-to 30-GHz communications satellite receivers, Te 85-13054  
 05-661.22, 661.35-661.37., Summary of trade and ta 85-12979  
 05-751.25, 755.05-755.50, and 756.02-756.60., Summ 85-12980  
 05-755.50, and 756.02-756.60., Summary of trade an 85-12980  
 6 data evaluation, LANDSAT 4 band 85-13365  
 " data evaluation, LANDSAT 4 band 85-13375  
 " RS code, Fast decoding of a d(min) = 85-13283  
 " , Greenland, station A (Norway) / , Omega pro- 85-12153  
 " paga 85-12153  
 " , utility, environmental, safety., Personnel qual 85-12349  
 " , 668.07, and 668.10., Summary of trade and tari 85-12977  
 6-7 December 1984., Space Symposium 1984 :America 85-12220  
 06-401.10, 401.18, 401.22-401.24, 401.44, 401.60-4 85-12973  
 VI-A for automatic data processing: definitions an 85-12651  
 7 of Title V, Public Law 97-377., Review of United 85-13673  
 " SMMR derived seasonal variations in the water 85-13115  
 " va 85-13115  
 " , Agriculture., Code of federal regulations. 85-12559  
 " , Agriculture, CFR. 85-12559  
 " , and 668.10., Summary of trade and tariff infor 85-12977  
 " , Mediterranean, station H (Japan) / , Omega prop 85-12154  
 " .5-ft.) span EET high-lift research model in Lang 85-13042  
 " .5 minute series (topographic) : 85-12844  
 " .5 minute series (topographic) : 85-12845  
 " .5 minute series (topographic) : 85-12846  
 " .5 minute series (topographic) : 85-12847  
 " .5 minute series (topographic) : 85-12848  
 " .5 minute series (topographic) : 85-12849  
 " .5 minute series (topographic) : 85-12850  
 " .5 minute series (topographic) : 85-12851  
 " .5 minute series (topographic) : 85-12852  
 " .5 minute series (topographic) : 85-12853  
 " .5 minute series (topographic) : 85-12854  
 " .5 minute series (topographic) : 85-12855  
 " .5 minute series (topographic) : 85-12856  
 " .5 minute series (topographic) : 85-12857  
 " .5 minute series (topographic) : 85-12858  
 " .5 minute series (topographic) : 85-12859  
 " .5 minute series (topographic) : 85-12860  
 " .5 minute series (topographic) : 85-12861  
 " .5 minute series (topographic) : 85-12862  
 " .5 minute series (topographic) : 85-12863  
 " .5 minute series (topographic) : 85-12864  
 " .5 minute series (topographic) : 85-12865  
 " .5 minute series (topographic) : 85-12866  
 " .5 minute series (topographic) : 85-12867  
 " .5 minute series (topographic) : 85-12868  
 " .5 minute series (topographic) : 85-12869  
 " .5 minute series (topographic) : 85-12870  
 " .5 minute series (topographic) : 85-12871  
 " .5 minute series (topographic) : 85-12872  
 " .5 minute series (topographic) : 85-12873  
 " .5 minute series (topographic) : 85-12874  
 " .5 minute series (topographic) : 85-12875  
 " .5 minute series (topographic) : 85-12876  
 " .5 minute series (topographic) : 85-12877  
 " .5 minute series (topographic) : 85-12878  
 " .5 minute series (topographic) : 85-12879  
 " .5 minute series (topographic) : 85-12880  
 " .5 minute series (topographic) : 85-12881  
 " .5 minute series (topographic) : 85-12882  
 " .5 minute series (topographic) : 85-12883  
 " .5 minute series (topographic) : 85-12884  
 " .5 minute series (topographic) : 85-12885  
 " .5 minute series (topographic) : 85-12886

- .5 minute series (topographic) : 85-12887  
 7-meter tunnel, Pressure distribution data from te 85-13042  
 08, Asia, station C (Hawaii) /, Omega propagation 85-12155  
 " /32 computer system, Development INTER- 85-13449  
 DATA 85-12972  
 " , 402.24-402.32, 402.36 (pt.), 402.40-404.12., S 85-12972  
 8-line communications multiplexors maintenance man 85-12372  
 9, auxiliary., Personnel qualification standard fo 85-12354  
 " , Northwest Pacific Station G (Australia) /, Ome 85-12156  
 10 ton per hr. (NSN 3895-00-755-4761) /, Organizat 85-12255  
 " ton, w/scarifier and sprinkler, NSN 3895-00-902 85-12256  
 " ton, w/scarifier and sprinkler, NSN 3895-00-952 85-12257  
 " , central Pacific, station G (Australia) /, Omeg 85-12157  
 " , Energy., Code of federal regulations. 85-12560  
 " , Energy, CFR. 85-12560  
 " , Multiple application references/instructions/t 85-12224  
 " , Summary of trade and tariff information : pulp 85-12977  
 " .2 kHz :area 01 Northern Europe, Station F (Arge 85-12150  
 " .2 kHz :area 04, Alaska, station E (Reunion) /, 85-12151  
 " .2 kHz :area 04, Alaska, station G (Australia) / 85-12152  
 " .2 kHz :area 06, Greenland, station A (Norway) / 85-12153  
 " .2 kHz :area 07, Mediterranean, station H (Japan 85-12154  
 " .2 kHz :area 08, Asia, station C (Hawaii) /, Ome 85-12155  
 " .2 kHz :area 09, Northwest Pacific Station G (Au 85-12156  
 " .2 kHz :area 10, central Pacific, station G (Aus 85-12157  
 " .2 kHz :area 11, North America, station G (Austr 85-12158  
 " .2 kHz :area 17, east Pacific, station D (North 85-12159  
 " , 401.18, 401.22-401.24, 401.44, 401.60-401.62, 85-12973  
 " , 480.35-480.60, and 480.70-480.80., Summary of 85-12975  
 " , 692.34, and 692.35., Summary of trade and tari 85-12978  
 10-percent set-aside program section 105 (f) of the 85-13932  
 10-year-old cottonwood plantation on a clay site / 85-11927  
 10-11. 1984 /, Aviation Fuel Conservation Symposiu 85-13607  
 10-184.85. Summary of trade and tariff informatio 85-12970  
 X- and gamma-ray spectroscopy of solar flares, Hig 85-13210  
 11 years /, Nuttall oak direct seedlings still suc 85-11926  
 " , a computer program for calculating the perform 85-13323  
 " , Edit/validation criteria., Defense Integrated 85-12225  
 " , Edit/validation criteria, D.I.D.S. procedures 85-12225  
 " , Edit/validation criteria, DIDS procedures manu 85-12225  
 " , North America, station G (Australia) /, Omega 85-12158  
 XI of the rules of the House of Representatives., 85-13691  
 12 February 1983 with multiple loss of life : U.S. 85-13623  
 " questions veterans ask about joining the Army N 85-12230  
 " , Summary of trade and tariff information : benz 85-12972  
 " , 408.48, 413.50, and 474.02-474.62., Summary of 85-12976  
 12-centimeter xenon ion thruster, Performance capa 85-13059  
 12-year-old intensively cultured Larix eurolepis / 85-11919  
 12-401.16, 401.20, 401.30-401.42, 401.46-401.58, 4 85-12972  
 13, Materiel management decision rule tables., Def 85-12226  
 " , Materiel management decision rule tables, DIDS 85-12226  
 14, Aeronautics and space., Code of federal regula 85-12561  
 " , Aeronautics and space., Code of federal regula 85-12562  
 " , Aeronautics and space, CFR. 85-12561  
 " , Aeronautics and space, CFR. 85-12562  
 " , Reports and statistics., Defense Integrated Da 85-12227  
 " , Reports and statistics, D.I.D.S. procedures ma 85-12227  
 " , Reports and statistics, DIDS procedures manual 85-12227  
 15 of the Small Business Act by requiring the assi 85-13933  
 " , .000 feet in the conterminous United States and 85-12822  
 16, Commercial practices., Code of Federal regulat 85-12563  
 " , Commercial practices, CFR. 85-12563  
 " , method 606, phthalate esters /, EPA method stu 85-12502  
 " , Remote terminal system., Defense Integrated Da 85-12228  
 " , Remote terminal system, D.I.D.S. procedures ma 85-12228  
 " , Remote terminal system, DIDS procedures manual 85-12228  
 " , 401.20, 401.30-401.42, 401.46-401.58, 401.64-4 85-12972  
 16A for determination of total reduced sulfur emis 85-12522
- 017., Application for grants under Title VI of the 85-12422  
 " , east Pacific, station D (North Dakota) /, Omeg 85-12159  
 18 of the U.S. code., Amendment of Title 85-12617  
 " ), A Guide to the Forest Service Appeal Regulat 85-11889  
 " , 401.22-401.24, 401.44, 401.60-401.62, 401.70-4 85-12973  
 " /500-1, part number 7085-5, federal stock number 85-12295  
 19 crabbed moving deformable barrier to a 1976 Vol 85-13630  
 " crabbed moving deformable barrier to a 1976 Vol 85-13631  
 19-22 September 1983., 22nd Joint Services Safety 85-13619  
 20,000 feet in the conterminous United States and 85-12823  
 " , 401.30-401.42, 401.46-401.58, 401.64-401.68, 4 85-12972  
 " , 1985, as "National Medical Transcriptionist W 85-12631  
 20-21 May 1979) /, A kinetic energy study of the m 85-13139  
 XX of the Public Health Service Act., An Act to Re 85-12591  
 21 suspect carcinogens in combustion emissions /, 85-12509  
 22, 661.35-661.37., Summary of trade and tariff in 85-12979  
 " ), 1982 census of manufactures. Preliminary rep 85-12034  
 22-401.24, 401.44, 401.60-401.62, 401.70-401.74 (p 85-12973  
 22nd Joint Services Safety Conference :New London, 85-13619  
 23 test holes in south-central Nebraska, Descripti 85-12827  
 23-4507-1, 34-4507-1, 35-4507-1, 68-4507-1, 76-450 85-12309  
 24, 401.44, 401.60-401.62, 401.70-401.74 (pt.), an 85-12973  
 24-402.32, 402.36 (pt.), 402.40-404.12., Summary o 85-12972  
 25), Redesignating Saint Croix National Monument, 85-13664  
 " , 26 and 27, 1983, at Port St. Lucie, Florida), 85-13334  
 " , 755.05-755.50, and 756.02-756.60., Summary of 85-12980  
 26 and 27, 1983, at Port St. Lucie, Florida), Proc 85-13334  
 27.5-to 30-GHz communications satellite receivers, 85-13054  
 " , 1983, at Port St. Lucie, Florida), Proceedings 85-13334  
 " , 1984., Reflections on East-West Relations :Nov 85-13517  
 28., Summary of trade and tariff information :body 85-12971  
 29, part 5 of the Code of Federal Regulations., Re 85-13016  
 29-meter (7.5-ft.) span EET high-lift research mod 85-13042  
 29-October 1, 1982 /, Proceedings, Vocational Educ 85-12451  
 30 x 60 -minute quadrangle, Utah /, Map showing se 85-12889  
 " x 60 -minute quadrangle, Utah /, Map showing 85-12890  
 " x 60 -minute quadrangle, Utah /, Map showing 85-12891  
 " x 60 minute quadrangle, Tooele, Juab, Utah, and 85-12841  
 " x 60-minute quadrangle, Utah /, Map showing 85-12892  
 " sel 85-12636  
 " , 1985, and for Other Purposes., An Act Making 85-12636  
 " , 1988, the Period During Which Amendments to 85-12578  
 30-GHz communications satellite receivers, Test re 85-13054  
 30-401.42, 401.46-401.58, 401.64-401.68, 402.00-40 85-12972  
 32 computer system, Development INTERDATA 8/ 85-13449  
 " , 402.36 (pt.), 402.40-404.12., Summary of trade 85-12972  
 34, and 692.35., Summary of trade and tariff infor 85-12978  
 " .3 MPH /, MDB-to-car side impact test of a 19 cr 85-13630  
 " .3 MPH /, MDB-to-car side impact test of a 19 cr 85-13631  
 34-4507-1, 35-4507-1, 68-4507-1, 76-4507-1, 5/69-4 85-12309  
 35., Summary of trade and tariff information :agri 85-12978  
 35-480.60, and 480.70-480.80., Summary of trade an 85-12975  
 35-661.37., Summary of trade and tariff informatio 85-12979  
 35-4507-1, 68-4507-1, 76-4507-1, 5/69-4507-2., Stu 85-12309  
 36 CFR 211.18), A Guide to the Forest Service App 85-11889  
 " (pt.), 402.40-404.12., Summary of trade and tar 85-12972  
 37., Summary of trade and tariff information :fan, 85-12979  
 38, United States Code, to Increase the Rates of D 85-12602  
 39, Airworthiness directives., Federal aviation re 85-13613  
 " , Airworthiness directives., Federal aviation re 85-13614  
 40-404.12., Summary of trade and tariff informatio 85-12972  
 42, 401.46-401.58, 401.64-401.68, 402.00-402.08, 4 85-12972  
 42-77, The Telecommunications and data acquisition 85-13267

- 43, Public lands, interior., Code of Federal regul 85-12564  
 " , Public lands, interior, CFR. 85-12564  
 44, 401.60-401.62, 401.70-401.74 (pt.), and 401.76 85-12973  
 45, Public welfare., Code of federal regulations. 85-12565  
 " , Public welfare, CFR. 85-12565  
 45B small arms repairer, skill level I /, MOS 85-12332  
 45N, tank turret mechanic, skill level I /, MOS 85-12333  
 46, Shipping., Code of federal regulations. 85-12566  
 " , Shipping, CFR. 85-12566  
 46-401.58, 401.64-401.68, 402.00-402.08, 402.24-40 85-12972  
 47, Telecommunications., Code of federal regulatio 85-12567  
 " , Telecommunications, CFR. 85-12567  
 48, Federal acquisition regulations system., Code 85-12568  
 " , Federal acquisition regulations system, CFR. 85-12568  
 " , 413.50, and 474.02-474.62., Summary of trade a 85-12976  
 49, Transportation., Code of federal regulations. 85-12569  
 " , Transportation., Code of federal regulations. 85-12570  
 " , Transportation, CFR. 85-12569  
 " , Transportation, CFR. 85-12570  
 50, and 474.02-474.62., Summary of trade and tariff 85-12976  
 " , and 756.02-756.60., Summary of trade and tariff 85-12980  
 " , Wildlife and fisheries., Code of federal regul 85-12571  
 " , Wildlife and fisheries., Code of federal regul 85-12572  
 " , Wildlife and fisheries, CFR. 85-12571  
 " , Wildlife and fisheries, CFR. 85-12572  
 50-244 :Rochester Gas and Electric Corporation., S 85-13710  
 50-320 :final supplement dealing with occupational 85-13704  
 50-341 :Detroit Edison Company, et al., Safety eva 85-13707  
 50-382 :appendix "A" to license no. NPF-26, Tec 85-13712  
 " :Louisiana Power & Light Company., Safety e 85-13705  
 50-412 :Duquesne Light Company, et al., Draft envi 85-13715  
 50-413 and 50-414, Duke Power Company, et al., Saf 85-13711  
 50-414, Duke Power Company, et al., Safety evaluat 85-13711  
 50-423, Northeast Nuclear Energy Company, et al., 85-13714  
 50-429.56., Summary of trade and tariff informatio 85-12974  
 50-445 and 50-446 : Texas Utilities Generating Com 85-13706  
 50-446 : Texas Utilities Generating Company, et al 85-13706  
 50-454 :appendix "A" to license no. NPF-23., Tec 85-13716  
 50-483 :appendix "A" to license no. NPF-30., Te 85-13713  
 " :Union Electric Company., Safety evaluation 85-13708  
 50th anniversary, 1934-1984., Office of General Co 85-13551  
 56., Summary of trade and tariff information :buta 85-12974  
 58, 401.64-401.68, 402.00-402.08, 402.24-402.32, 4 85-12972  
 60 -minute quadrangle, Utah /, Map showing selecte 85-12889  
 " -minute quadrangle, Utah /, Map showing selecte 85-12890  
 " -minute quadrangle, Utah /, Map showing selecte 85-12891  
 " minute quadrangle, Tocoee, Juab, Utah, and Mill 85-12841  
 " , and 480.70-480.80., Summary of trade and tariff 85-12975  
 " , Summary of trade and tariff information :umbr 85-12980  
 60-minute quadrangle, Utah /, Map showing selected 85-12892  
 60-401.62, 401.70-401.74 (pt.), and 401.76-401.80. 85-12973  
 62., Summary of trade and tariff information :arti 85-12976  
 " , 401.70-401.74 (pt.), and 401.76-401.80., Summa 85-12973  
 64-401.68, 402.00-402.08, 402.24-402.32, 402.36 (p 85-12972  
 68 gunfire control system (GFCSS), Personnel quali 85-12352  
 " , 402.00-402.08, 402.24-402.32, 402.36 (pt.), 40 85-12972  
 68-4507-1, 76-4507-1, 5/69-4507-2., Student handou 85-12309  
 68J :skill levels 1/2 : soldier's manual., Aircraf 85-12271  
 69-4507-2., Student handout :noise in Army avatio 85-12309  
 70-401.74 (pt.), and 401.76-401.80., Summary of tr 85-12973  
 70-480.80., Summary of trade and tariff informatio 85-12975  
 74 (pt.), and 401.76-401.80., Summary of trade and 85-12973  
 76-401.80., Summary of trade and tariff informatio 85-12973  
 76-4507-1, 5/69-4507-2., Student handout :noise in 85-12309  
 80., Summary of trade and tariff information :cert 85-12973  
 " , Summary of trade and tariff information :fert 85-12975  
 84), Equipment improvement report and maintenance 85-12292  
 " , Equipment improvement report and mainte- 85-12293  
 nance  
 " .017., Application for grants under Title VI of 85-12422  
 85., Summary of trade and tariff information :anim 85-12970  
 85-1., Revenue procedure 85-13562  
 85-2., Revenue procedure 85-13563  
 87 microcomputers, PBDAT, a program for reduction 85-12829  
 88-246 /, What changes are most needed in the proc 85-13660  
 91C, 91CA-S4, 91DA, 91H, and 91HR., Calibration pr 85-12283  
 91CA), AN/URM-145A, AN/URM-145B, AN/URM- 85-12283  
 145C, AN/U  
 91CA-S4, 91DA, 91H, and 91HR., Calibration procedu 85-12283  
 91DA, 91H, and 91HR., Calibration procedure for el 85-12283  
 91H, and 91HR., Calibration procedure for electron 85-12283  
 91HR., Calibration procedure for electronic voltm 85-12283  
 93J., Air traffic control radar controller :soldie 85-12270  
 97-377., Review of United States strategic forces 85-13673  
 97-459), Joint Resolution to Make Technical Corre 85-12630  
 98th Congress., Handbook on the Comprehensive Crim 85-12989  
 " Congress., Review of arms control and disarm 85-13782  
 " Congress hearings : 85-13918  
 100 psi, Ingersoll-Rand, Direct support and genera 85-12258  
 105 (f) of the Surface Transportation Assistance A 85-13932  
 108, 202, 204, and 214 /, Estimation of the weight 85-13629  
 127 ( ) tape format :workbook., Message preparatio 85-12316  
 135., Air carrier operations inspector's handbook 85-13609  
 155 of the Omnibus Budget Reconciliation Act of 19 85-12578  
 170 and 170AR), AN/USM-140A (Hickok Instrument 85-12280  
 Co.  
 " (c) of the Internal Revenue Code of 1954., Cum 85-13559  
 170AR), AN/USM-140A (Hickok Instrument Co., model 85-12280  
 170B and 170BR), AN/USM-140C and AN/USM-141B, 85-12280  
 Cali  
 170BR), AN/USM-140C and AN/USM-141B, Calibra- 85-12280  
 tion p  
 184.10-184.85., Summary of trade and tariff inform 85-12970  
 190 : natural gas, part 191-192., Pipeline safety 85-13638  
 " : natural gas part, 191-192 : liquified natura 85-13639  
 191-192 : liquified natural gas, part 193 : hazard 85-13639  
 " , Pipeline safety regulations :enforcement 85-13638  
 193 : hazardous liquids part 195., Pipeline safety 85-13639  
 195., Pipeline safety regulations :enforcement pro 85-13639  
 202, 204, and 214 /, Estimation of the weight and 85-13629  
 204, and 214 /, Estimation of the weight and consu 85-13629  
 211.18), A Guide to the Forest Service Appeal Reg 85-11889  
 214 /, Estimation of the weight and consumer price 85-13629  
 244 sites on proposed update #2 to national priori 85-12479  
 261 of the Atomic Energy Act of 1954, and Section 85-12606  
 300-1400 A airglow, A Study of the atmosphere and 85-13206  
 301 on Illinois Central Gulf Railroad with Marquet 85-13590  
 305 of the Energy Reorganization Act of 1974., An 85-12606  
 332(b) of the Tariff Act of, The Impact of tariff 85-12981  
 332-179, under section 332(b) of the Tariff Act of 85-12981  
 337-TA-167., In the matter of certain single handl 85-12982  
 376.04-376.28., Summary of trade and tariff inform 85-12971  
 384), State Justice Institute Act of 1984 :report 85-13669  
 401.02, 401.04, 401.12-401.16, 401.20, 401.30-401. 85-12972  
 " .04, 401.12-401.16, 401.20, 401.30-401.42, 401. 85-12972  
 " .06-401.10, 401.18, 401.22-401.24, 401.44, 401. 85-12973  
 " .12-401.16, 401.20, 401.30-401.42, 401.46-401.5 85-12972  
 " .18, 401.22-401.24, 401.44, 401.60-401.62, 401. 85-12973  
 " .20, 401.30-401.42, 401.46-401.58, 401.64-401.6 85-12972  
 " .22-401.24, 401.44, 401.60-401.62, 401.70-401.7 85-12973  
 " .30-401.42, 401.46-401.58, 401.64-401.68, 402.0 85-12972  
 " .44, 401.60-401.62, 401.70-401.74 (pt.), and 40 85-12973  
 " .46-401.58, 401.64-401.68, 402.00-402.08, 402.2 85-12972  
 " .60-401.62, 401.70-401.74 (pt.), and 401.76-401 85-12973  
 " .64-401.68, 402.00-402.08, 402.24-402.32, 402.3 85-12972  
 " .70-401.74 (pt.), and 401.76-401.80., Summary o 85-12973  
 " .76-401.80., Summary of trade and tariff inform 85-12973

- 402.00-402.08, 402.24-402.32, 402.36 (pt.), 402.40  
 " 24-402.32, 402.36 (pt.), 402.40-404.12., Summa 85-12972  
 " .36 (pt.), 402.40-404.12., Summary of trade and 85-12972  
 " 40-404.12., Summary of trade and tariff inform 85-12972  
 408.12, 408.48, 413.50, and 474.02-474.62., Summar 85-12976  
 " .48, 413.50, and 474.02-474.62., Summary of tra 85-12976  
 413.50, and 474.02-474.62., Summary of trade and t 85-12976  
 429.50-429.56., Summary of trade and tariff inform 85-12974  
 432AP-2 (NSN 4931-01-060-0525), Direct support an 85-12262  
 474.02-474.62., Summary of trade and tariff inform 85-12976  
 480., Annual report on activities carried out under 85-11878  
 " , Annual report on Public Law 85-11878  
 " , Food for peace, annual report on Public Law 85-11878  
 " .05, 480.10, 480.35-480.60, and 480.70-480.80., 85-12975  
 " .10, 480.35-480.60, and 480.70-480.80., Summary 85-12975  
 " .35-480.60, and 480.70-480.80., Summary of trad 85-12975  
 " .70-480.80., Summary of trade and tariff inform 85-12975  
 500 KM - equator to polar cap topside sounder Z mo 85-13118  
 500-1, part number 7085-5, federal stock number 49 85-12295  
 540., Allison transmissions: automatic models AT 85-12373  
 545A), AN/USM-196 and OS-159 (P)/USM-195 (Tek- 85-12279  
 troni 85-12258  
 600 CFM, 100 psi, Ingersoll-Rand, Direct support a 85-12502  
 606, phthalate esters /, EPA method study 16, meth 85-13683  
 615), Providing for agreeing to the Senate amendm 85-13684  
 616), Waiving certain points of order against the 85-12288  
 618B and 618C., Calibration procedure for signal g 85-12288  
 618C., Calibration procedure for signal generator, 85-12979  
 661.05-661.22, 661.35-661.37., Summary of trade an 85-12978  
 " .35-661.37., Summary of trade and tariff inform 85-12978  
 666.00, 666.10, 692.34, and 692.35., Summary of tr 85-12978  
 " .10, 692.34, and 692.35., Summary of trade and 85-12977  
 668.00, 668.02, 668.04, 668.5, 668.06, 668.07, and 85-12977  
 " .02, 668.04, 668.5, 668.06, 668.07, and 668.10. 85-12977  
 " .04, 668.5, 668.06, 668.07, and 668.10., Summar 85-12977  
 " .5, 668.06, 668.07, and 668.10., Summary of tra 85-12977  
 " .06, 668.07, and 668.10., Summary of trade and 85-12977  
 " .07, and 668.10., Summary of trade and tariff i 85-12977  
 " .10., Summary of trade and tariff information : 85-12977  
 692.34, and 692.35., Summary of trade and tariff i 85-12978  
 " .35., Summary of trade and tariff information : 85-12978  
 727 aircraft, Advanced composite elevator for Boei 85-13137  
 731-TA-149 (final) under the Tariff Act of 1930, t 85-12983  
 731-TA-163 (final) under the Tariff Act of 1930, t 85-12984  
 751.05-751.25, 755.05-755.50, and 756.02-756.60., 85-12980  
 755.05-755.50, and 756.02-756.60., Summary of trad 85-12980  
 756.02-756.60., Summary of trade and tariff inform 85-12980  
 760°C in low-pressure hydrogen, Creep- 85-13061  
 901, McDonnell Douglas DC-10-30, John F. Kennedy I 85-13589  
 941, Employers quarterly federal tax return., Magn 85-13581  
 1000 E-series computer, HP 2109B and HP 2113B inst 85-12371  
 1013(a) and, Deferrals: message from the President 85-13675  
 1362: message from the President of the United Sta 85-13679  
 " , a bill for the relief of Joseph Karel Hasek. 85-13679  
 1522., 1982 census of construction industries. Ind 85-12046  
 1807), AN/USM-140B and AN/USM-141A (Hewlett- 85-12280  
 Packar 85-13883  
 1920 : To amend the Mineral Lands Leasing Act of 85-12983  
 1930, together with the information obtained in th 85-12984  
 " , together with the information obtained in th 85-11874  
 1933-84 : background for 1985 farm legislation., Hi 85-12604  
 1934 to Provide a National Policy Regarding Cable 85-12985  
 1934-1984 /, The fiftieth anniversary of the U.S. 85-13551  
 " , Office of General Counsel :50th annive 85-12961  
 " , Taylor Grazing Act in Nevada, 85-12628  
 1946., An Act to Amend the River and Harbor Act of 85-13693  
 1954 as of January 3, 1985 /, Cross-references wit 85-12606  
 " , and Section 305 of the Energy Reorganization 85-13559  
 " , Cumulative list of organizations described 85-12734  
 1956-1983 /, Magma supply and storage at Kilauea V 85-11849  
 1960-83 /, Agricultural finance statistics, 85-12596  
 1963 to Strengthen and Expand the Economic Base of 85-13390  
 1963-1980 /, Tabulation of ozonesonde data : 85-12422  
 1965, as amended :International Research and Studi 85-11929  
 1965-82 /, The softwood plywood industry in the Un 85-12576  
 1968 and the Hazardous Liquid Pipeline Safety Act 85-12465  
 1971 to 1981 /, Graduate study in education :an an 85-13007  
 1971-79., Justice expenditure and employment in th 85-12609  
 1972 in Order to Provide for the Establishment of 85-12442  
 1972-73 and 1981-92 /, A trend study of high schoo 85-13384  
 1973 a 1981, Levantamento da frequencia de coberto 85-12606  
 1974., An Act to Authorize Appropriations to the N 85-13651  
 1975 to 1980., Interstate migration of the older v 85-11887  
 1976 /, Umatilla National Forest, Oregon and Washi 85-13630  
 " Volkswagen Rabbit at 34.3 MPH /, MDB-to-car 85-13631  
 s Volkswagen Rabbit at 34.3 MPH /, MDB-to-car 85-12044  
 1978 /, Selected characteristics of persons in eng 85-13002  
 1978-1981 /, A study of government-subsidized hous 85-13004  
 1978-1982 /, Expanding knowledge in criminal justi 85-13633  
 1979 Ford LTD retrofitted with Romeo-Kojojo and bre 85-12624  
 to Authorize Quarters Allowances for Certain 85-13663  
 " ) and a final protocol :message from the Presi 85-12576  
 " , and for Other Purposes., An Act to Authorize 85-13555  
 " , Customs valuation rulings under the Trade A 85-13663  
 " ) of the International Telecommunication Union 85-13451  
 " ) using satellite, aircraft and rawinsonde dat 85-13024  
 1979-1983., Bestsellers, 85-11925  
 1980 /, Demand for commercially delivered domestic 85-13794  
 and the Bus Regulatory Reform Act of 1982 : 85-13030  
 " , and 1983 survey findings : a report of the U. 85-12964  
 " :draft environmental assessment., Proposed 19 85-13651  
 " , Interstate migration of the older veteran p 85-13492  
 " 's : a report to the President of the United S 85-12711  
 1980-81 and 1981-82 /, State and county mental hos 85-12962  
 1980s /, Timber management for the 85-12408  
 1981 /, Annotated bibliography of the Air Force Hu 85-12465  
 " /, Graduate study in education :an analysis o 85-11886  
 " /, National Forests, Northern Region, 85-13767  
 " , Long-term farm policy to succeed the Agric 85-13905  
 " , Reauthorization of the Adolescent Family L 85-13944  
 " AFDC reductions : GAO analysis of the 85-12688  
 " data., Public use data tape documentation :mu 85-12578  
 " Remain ...., An Act to Extend Through Septemb 85-13384  
 " , Levantamento da frequencia de cobertura de n 85-12711  
 1981-82 /, State and county mental hospitals, Unit 85-12442  
 1981-92 /, A trend study of high school offerings 85-13763  
 1981-1983) /, Residential wood heater report, phas 85-12986  
 1981-1985 : a report to employees /, Challenge, ch 85-12712  
 1982 /, Distribution of psychiatric beds, United S 85-11998  
 " /, Major uses of land in the United States :p 85-12451  
 " /, Proceedings, Vocational Education and Defe 85-12689  
 " /, Use of contraception in the United States, 85-12690  
 " /, Use of services for family planning and in 85-13888  
 " , Amendment of the Debt Collection Act of 85-13794  
 " , Oversight of the Household Goods Transport 85-13932  
 " , Review of the 10-percent set-aside program 85-12046  
 " census of construction industries. Industry s 85-12020  
 " census of manufactures. Preliminary report. G 85-12021  
 " census of manufactures. Preliminary report. G 85-12022  
 " census of manufactures. Preliminary report. G 85-12023  
 " census of manufactures. Preliminary report. I 85-12024  
 " census of manufactures. Preliminary report. I 85-12025  
 " census of manufactures. Preliminary report. I 85-12026  
 " census of manufactures. Preliminary report. I 85-12027

- " census of manufactures. Preliminary report. I 85-12028  
 " census of manufactures. Preliminary report. I 85-12029  
 " census of manufactures. Preliminary report. I 85-12030  
 " census of manufactures. Preliminary report. I 85-12031  
 " census of manufactures. Preliminary report. I 85-12032  
 " census of manufactures. Preliminary report. I 85-12033  
 " census of manufactures. Preliminary report. S 85-12034  
 " census of retail trade. Geographic area serie 85-12048  
 " census of retail trade. Major retail centers 85-12051  
 " census of retail trade. Major retail centers 85-12052  
 " census of retail trade. Preliminary report. I 85-12049  
 " census of retail trade. Preliminary report. I 85-12050  
 " census of service industries. Geographic area 85-12075  
 " census of service industries. Geographic area 85-12076  
 " census of service industries. Geographic area 85-12077  
 " census of service industries. Geographic area 85-12078  
 " census of service industries. Geographic area 85-12079  
 " census of service industries. Geographic area 85-12080  
 " census of service industries. Geographic area 85-12081  
 " census of service industries. Geographic area 85-12082  
 " census of service industries. Geographic area 85-12083  
 " census of service industries. Geographic area 85-12084  
 " census of wholes trade. Geographic area serie 85-12059  
 " census of wholesale trade. Geographic area se 85-12053  
 " census of wholesale trade. Geographic area se 85-12054  
 " census of wholesale trade. Geographic area se 85-12055  
 " census of wholesale trade. Geographic area se 85-12056  
 " census of wholesale trade. Geographic area se 85-12057  
 " census of wholesale trade. Geographic area se 85-12058  
 " census of wholesale trade. Geographic area se 85-12060  
 " census of wholesale trade. Geographic area se 85-12061  
 " census of wholesale trade. Geographic area se 85-12062  
 " census of wholesale trade. Geographic area se 85-12063  
 " census of wholesale trade. Geographic area se 85-12064  
 " census of wholesale trade. Geographic area se 85-12065  
 " census of wholesale trade. Geographic area se 85-12066  
 " census of wholesale trade. Geographic area se 85-12067  
 " census of wholesale trade. Geographic area se 85-12068  
 " census of wholesale trade. Geographic area se 85-12069  
 " census of wholesale trade. Geographic area se 85-12070  
 " census of wholesale trade. Geographic area se 85-12071  
 " census of wholesale trade. Geographic area se 85-12072  
 " census of wholesale trade. Geographic area se 85-12073  
 " census of wholesale trade. Geographic area se 85-12074  
 " :report of the Committee on Environment and P 85-13671  
 " with Respect to the Effect of the 1985 Increa 85-12625  
 " , Land use inventory of Salt Lake County, Utah 85-13378  
 " , Publications of the Jet Propulsion Laborator 85-13251  
 " , Research in space physics at the University 85-13442  
 " , Solar parabolic dish annual technology evalu 85-13229  
 " , Spruce budworms situation in North America, 85-11856  
 1982-1963, A bibliography of planetary geology pri 85-13122  
 " , Basic and applied research related to t 85-13260  
 1983 /, Reservoir management review :Utah projects 85-12900  
 " /, Status of dry SO<sub>2</sub> control syste 85-12513  
 " /, The American freshman :national norms for 85-12457  
 " ;, Community and Family Living Amendments 85-13842  
 " of 85-13816  
 " ;, Native American Programs Act Amendments 85-13899  
 " ;, Oversight on Boilermakers, 85-13894  
 " ;, The Free Market Copyright Royalty Act of 85-13128  
 " :a special bibliography /, Publications of th 85-12222  
 " Joint Chiefs of Staff essay competition, Ess 85-13662  
 " :message from the President of the United Sta 85-13663  
 " partial revision of the Radio Regulations (Ge 85-13670  
 " :report (to accompany H.R. 3169), Renewable 85-13030  
 " survey findings : a report of the U.S. Merit 85-13675  
 " , and one revision to a previously reported de  
 " , at Port St. Lucie, Florida), Proceedings of 85-13334  
 " ; exempt restaurant central kitchens from fede 85-13770  
 " ; Reports of planetary geology program - 85-13121  
 " , signed by the United States on March 23, 198 85-13662  
 1983-1984 /, A Bibliography of planetary geology a 85-13129  
 " , pursuant to Public Law 88-246 /, What c 85-13660  
 1983-1992., Status of coal supply contracts for ne 85-12419  
 1984 /, Aviation Fuel Conservation Symposium :Sept 85-13607  
 " /, Forest statistics for the northern coastal 85-11933  
 " /, Gifford Pinchot National Forest, Washingto 85-11884  
 " ;, Civil Rights Act of 85-13900  
 " ;, Fair Reduction in Force Practices Act of 85-13912  
 " ;, General explanation of the revenue provisi 85-13935  
 " ;, Milk Producers Prompt Payment Act of 85-13772  
 " ;, Naval nuclear propulsion program— 85-13785  
 " ;, Reauthorization of the Library Services an 85-13904  
 " ;, Superfund Expansion and Protection Act of 85-13941  
 " ;, Veterans' Administration health care amend 85-13938  
 " :America plans for space, 6-7 December 1984., 85-12220  
 " and amendments to the request for appropriati 85-13674  
 " and other criminal statutes enacted by the 98 85-12989  
 " and S. 2434, a bill to amend section 15 of th 85-13933  
 " annual meeting of the American Statistical As 85-13565  
 " :Cabezon WSA, Empedrado WSA, Ignacio 85-12968  
 " Chavez W 85-12902  
 " evaluation of salinity control programs in th 85-13869  
 " (H.R. 5247) ;, Increase effectiveness of dome 85-13580  
 " Internal Revenue Service tax information publ 85-13805  
 " midyear economic outlook ;, The 85-13804  
 " national urban policy report ;, The President 85-13806  
 " national urban policy report ;, The President 85-12964  
 " plan amendments to the California Desert Cons 85-13669  
 " :report (to accompany S. 384), State Justice 85-13668  
 " :report (to accompany S. 2125), Arkansas Wil 85-13665  
 " :report (to accompany S. 2311), Health maint 85-13565  
 " :selected papers given at the 1984 annual mee 85-12598  
 " to Make Technical Corrections with Respect to 85-12627  
 " , An Act Entitled "The San Juan Basin Wild 85-12607  
 " , Coast Guard Authorization Act of 85-12623  
 " , Criminal Fine Enforcement Act of 85-12590  
 " , Education Amendments of 85-12290  
 " ),, Equipment improvement report and maintenanc 85-12291  
 " ),, Equipment improvement report and maintenanc 85-12294  
 " , Equipment improvement report and maintenanc 85-12593  
 " , Georgia Wilderness Act of 85-12580  
 " , Marine Sanctuaries Amendments of 85-12594  
 " , Mississippi National Forest Wilderness Act o 85-12603  
 " , Motor Vehicle Theft Law Enforcement Act of 85-11965  
 " , Program review and evaluation report :weed 85-12582  
 " , Public Works Improvement Act of 85-13517  
 " , Reflections on East-West Relations :Novembe 85-12633  
 " , Reorganization Act Amendments of 85-12613  
 " , Small Business and Federal Procurement Comp 85-13674  
 " , Supplemental appropriations :communication 85-12614  
 " , Tennessee Wilderness Act of 85-12648  
 " , The Public Health Service commissioned offi 85-12597  
 " , Veterans' Health Care Act of 85-13776  
 1985 , Agriculture, rural development, and relate 85-13787  
 " ;, Department of Defense authorization for ap 85-13818  
 " ;, Department of Energy research and developm 85-13777  
 " ;, Departments of Commerce, Justice, State, t 85-13778  
 " ;, Departments of Labor, Health and Human Ser 85-13774  
 " ;, Energy and water development appropriation 85-13779  
 " ;, Legislative branch appropriations for fisc 85-13902  
 " ;, Reauthorization of the National Science Fo 85-13895  
 " budget authorization of Immigration and Natur 85-11870  
 " , and farm legislation, Barley :background for

" farm legislation., Corn :background for	85-11864	3895-00-902-0455., Direct support and general supp	85-12257
" farm legislation., Cotton :background for	85-11869	" , w/sprinkler only, NSN 3895-00-95	85-12256
" farm legislation., Dairy :background for	85-11867	3895-00-952-5840, Huber model E1012M., Organizatio	85-12256
" farm legislation., Federal credit programs fo	85-11873	" , Huber model E1012M, w/sprinkler	85-12257
" farm legislation., History of agricultural pr	85-11874	3990-01-128-0089 (linefast model, Operator's and o	85-12263
" farm legislation., Oats :background for	85-11866	4230 :report (to accompany H. Res. 615), Providin	85-13683
" farm legislation., Peanuts :background for	85-11862	4311B option 3., Calibration procedure for automat	85-12277
" farm legislation., Rice :background for	85-11863	4920-508-6345., Calibration procedure for electric	85-12295
" farm legislation., Sorghum :background for	85-11868	4931-01-019-1829., Direct support and general sup	85-12261
" farm legislation., Soybeans :background for	85-11865	4931-01-060-0525., Direct support and general sup	85-12262
" farm legislation., Sugar :background for	85-11871	4940-00-209-6239 (LIN T10038), Hand receipt cata	85-12267
" farm legislation., Tobacco :background for	85-11861	5020, and Foxboro, model A127., Calibration proced	85-12285
" farm legislation., Wheat :background for	85-11860	5154., National Aeronautics and Space Administrat	85-13667
" :for popular western whitewater boating river	85-12947	5208 graphite-epoxy, Temperature dependence of ela	85-13280
" :House/Senate hearings, Committee on Appropri	85-13558	5247., Increase effectiveness of domestic firefi	85-13869
" Increase in the Federal Unemployment Tax Rate	85-12625	5256, to authorize the Inspector General of the De	85-13784
" to Carry Out the Natural Gas Pipeline Safety	85-12576	5411., 1982 census of retail trade. Preliminary r	85-12049
" , and for Other Purposes., An Act Making Appro	85-12636	5961., 1982 census of retail trade. Preliminary r	85-12050
" , as "National Medical Transcriptionist Week.	85-12631	6027 :report (to accompany H. Res. 616), Waiving	85-13684
1985-1986., Statistical training programs,	85-12019	6695-01-081-4873 (line item no. Z12223), Hand r	85-12268
1906., Military construction appropriations for	85-13773	7085-5, federal stock number 4920-508-6345., Calib	85-12295
" budget.; The President's	85-13765	8900B., Calibration procedure for peak power calib	85-12287
" , Welcome! Class of	85-12379	10005., Digital techniques :module	85-12378
1988, the Period During Which Amendments to the Un	85-12578	11650., Airborne communications systems operator	85-12382
1990s., School mathematics :options for the	85-12424	" ) /, Airborne communications systems operator	85-12383
2011 and 2013), 1982 census of manufactures. Prel	85-12023	11715A., Calibration procedure for calibration fix	85-12278
2013), 1982 census of manufactures. Preliminary r	85-12023	21218 entitled 'Petroleum and, Final technical re	85-13414
2109B and HP 2113B installation and service manual	85-12371	24250., Disaster preparedness specialist (AFSC	85-12384
2113B installation and service manual., HP 1000 E-	85-12371	25170), Meteorological technician (AFSC	85-12406
2125), Arkansas Wilderness Act of 1984 :report (t	85-13668	27132., Apprentice operations systems management	85-12385
2221), 1982 census of manufactures. Preliminary r	85-12024	27350., Combat control operator (AFSC	85-12386
2269), 1982 census of manufactures. Preliminary r	85-12025	30270., Weather equipment technician (AFSC	85-12387
2311), Health maintenance organization amendments	85-13665	30456., Space communications systems equipment o	85-12388
2329), 1982 census of manufactures. Preliminary r	85-12026	32172P., Weapon control systems technician (F-4C	85-12389
2369), 1982 census of manufactures. Preliminary r	85-12027	32470., Precision measuring equipment technician	85-12390
2385), 1982 census of manufactures. Preliminary r	85-12028	32853., Electronic warfare systems specialist (A	85-12391
2434, a bill to amend section 15 of the Small Busi	85-13933	34152., Defensive system trainer specialist (AFS	85-12392
2483), Washington Dulles International Airport :r	85-13666	" ) /, Defensive system trainer specialist (AFS	85-12393
2489, the Small Business Competition Enhancement A	85-13933	39250., Maintenance scheduling specialist (AFSC	85-12394
2527., Federal-Aid Highway Act of 1982 :report of	85-13671	42153., Aerospace ground equipment repairman (AF	85-12395
2911 and 2992), 1982 census of manufactures. Prel	85-12029	42653., Turboprop propulsion mechanic (AFSC	85-12396
2992), 1982 census of manufactures. Preliminary r	85-12029	" ) /, Turboprop propulsion mechanic (AFSC	85-12397
3030-G., Principles of epidemiology :principles of	85-12699	42654., F-100 jet engine mechanic (AFSC	85-12398
3169), Renewable Energy Development Act of 1983 :	85-13670	56651., Environmental support specialist (AFSC	85-12399
3229), 1982 census of manufactures. Preliminary r	85-12030	62251., Diet therapy specialist (AFSC	85-12400
3357), 1982 census of manufactures. Preliminary r	85-12031	64570., Inventory management supervisor (AFSC	85-12401
3531), 1982 census of manufactures. Preliminary r	85-12032	66150., Logistics plans specialist (AFSC	85-12402
3555B., Calibration procedure for telephone test s	85-12284	70570., Legal services technician (AFSC	85-12403
3726), and Congressional Budget Act Amendments of	85-13869	" ) /, Legal services technician (AFSC	85-12404
3795), 1982 census of manufactures. Preliminary r	85-12033	79151., Radio and television broadcasting special	85-12405
3895-00-755-4761., Organizational, direct suppor	85-12255	245675, capsizing and sinking in the Atlantic Ocea	85-13623

